

## **Historic, Archive Document**

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Spring  
1911

SEEDS

30

AURORA  
SPENCER

KING EDWARD  
SPENCER

COUNTESS  
SPENCER

J.H.MFG.  
THREE GRAND  
ORCHID-FLOWERING  
SWEET PEAS

Stumpf & Walter Co.  
50 BARCLAY ST.  
NEW YORK

# Giant Orchid-Flowering Sweet Peas

Countess of  
Spencer Hybrids

The following varieties are considered, by those most interested in Sweet Peas, as being among the best varieties, and from our trials have proven to be the best for either the amateur or professional grower, and where varieties are wanted for exhibition purposes we can heartily recommend them. **Prices on all Sweet Peas include delivery.**

## Three Distinct Varieties of Special Merit

### TRUE COUNTESS SPENCER.

The National Sweet Pea Society, of England, has decided that both "Paradise" and "Enchantress" are merely fine strains of the original "sportive" Countess Spencer. As we now have Countess Spencer true, there is no need for either of these other strains. The coloring is a soft rose-pink, which deepens at the outer edges and becomes still richer or more heavily suffused in cool weather. In size, form and coloring, Countess Spencer is simply exquisite. The plant is a strong, vigorous grower, and the large flowers are borne three and four upon long, stiff stems. Our true "re-selected" strain has no superior. **Per pkt. 10 cts., oz. 30 cts., 1/4 lb. 75 cts., lb. \$2.50.**

### TRUE KING EDWARD SPENCER.

This sterling novelty is the nearest approach in color to the popular King Edward VII in the waved or Spencer type. The enormous flowers come uniformly waved and crinkled to a pronounced degree. The standard measures from  $1\frac{3}{4}$  to 2 inches across by  $1\frac{1}{4}$  inches deep; the wings are  $1\frac{1}{2}$  inches wide by  $1\frac{1}{4}$  inches long. The unusually large wings make the flowers appear truly gigantic in size. The standard is a deep, rich carmine-scarlet of glossy effect. The wings are also carmine-scarlet, and on the reverse side are of a deep rosy carmine. The stems are 12 to 15 inches long and frequently carry four fine blooms, while the majority bear three flowers. The stems are thick and heavy, the vines vigorous and thrifty. King Edward Spencer comes true from seed, and the magnificent flowers are generally sunproof. This is undoubtedly the largest and best scarlet Sweet Pea yet developed. **Per pkt. 10 cts., oz. 50 cts., 1/4 lb. \$1.50.**

### TRUE AURORA SPENCER.

As to color this is an exact counterpart of Aurora Sweet Pea, which has been so long considered the best of all the striped and mottled varieties; it differs only in size and character of the flowers. The superbly beautiful flowers are of really enormous size, and come uniformly of the true Spencer type. Both standard and wings are waved or fluted to a most pronounced degree. The magnificent flowers are produced most profusely in threes and fours, well placed on the end of long, stiff, dark green stems. The ground color of the flower is a cream white, and this is exquisitely flaked and mottled with rich orange-salmon. It bunches beautifully. In sealed packets containing fifteen seeds each. **Per pkt. 10 cts., oz. 75 cts., 1/4 lb. \$2.50.**

## Six Grand New Sweet Peas for 1911

### AMERICAN VARIETIES

#### New Lavender Spencer, "Florence Nightingale."

Florence Nightingale is by far the **largest and best lavender Spencer yet introduced.** The flowers are truly magnificent and of immense size. The standard is unusually large and bold, pronouncedly waved, yet standing erect and broad—frequently measuring 2 inches across. The color is most charmingly soft and yet rich lavender, which is enlivened by a very faint sheen of rose-pink. The large, well-spread wings are of the same coloring, frilled and well waved. It is practically a self color and bunches beautifully—attracting universal admiration. The plant is extremely robust in growth, flowering most profusely. The stout stems attain 12 to 16 inches in length and a large proportion bear four well-placed flowers, as shown in the illustration from photograph. **Florence Nightingale** comes entirely true from seed, both as to color and the highest ideal Spencer type. **Pkt. 25 cts., 5 pkts. for \$1.**

#### New American Spencer, "Ethel Roosevelt."

It is a **true waved variety of the largest and most perfect Spencer type.** There is naturally some variation even in Spencers, and the **Ethel Roosevelt** claims the most exclusive Spencer perfection. The ground color is a soft, pleasing primrose, or straw color, overlaid with dainty flakes and splashes of blush-crimson. The crimson is not at all pronounced and simply gives some warmth and golden tinting to the yellowish groundwork. It bunches splendidly and will easily lead in this type of coloring for a long time. **Pkt. 25 cts., 5 pkts. for \$1.**

#### New Sweet Pea, "Rose du Barri."

This new grandiflora affords **an entirely new shade** in Sweet Peas. The name itself suggests the color, which is a lovely combination of deep, rich carmine-rose and orange. While the flower is not of Spencer form or size, yet it is slightly waved and for boutonnieres or table decoration it is "really a gem." Its brilliant beauty must appeal to every lover of esthetic shades. The plants, of strong, vigorous growth, are wonderfully profuse in bloom, and every flower is alike. **Pkt. 25 cts., 5 pkts. for \$1.**

### ENGLISH VARIETIES

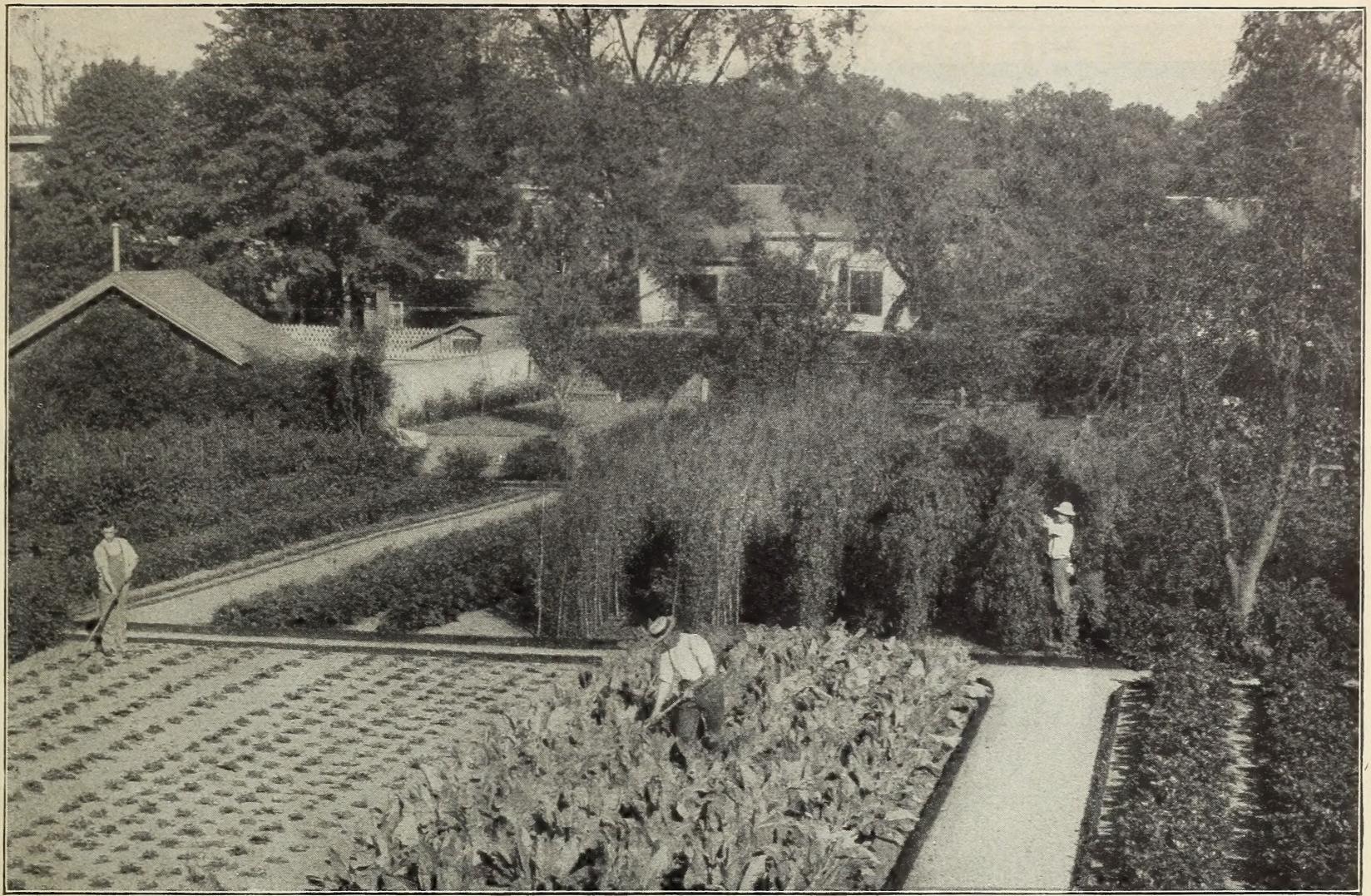
**"Maud Holmes."** **Sunproof Crimson Spencer.** This is undoubtedly one of the finest novelties of recent introduction; flowers are of the largest size, three and four to a spray, carried on long stems, of brilliant crimson, and blooms are of the true Spencer type, both standard and wings being well waved. The variety will not burn under the hottest sun, is of vigorous and strong growth. The stock is fixed, as is shown by the National Sweet Pea Society's trials in England. **Pkt. 25 cts., 5 pkts. for \$1.**

**Masterpiece.** The color of this flower is a rich lavender; of true Spencer type. Flowers are extremely large and well waved. A remarkably profuse-blooming variety. **Pkt. 25 cts., 5 pkts. for \$1.**

**Mrs. Hugh Dickson.** A cream-pink Spencer on buff ground, very fine form; flowers well placed on long stems. An excellent variety for exhibition and should be in every collection. **Pkt. 25 cts., 5 pkts. for \$1.**



Florence Nightingale  
Sweet Pea



The garden beautiful

## Just A Word of Appreciation

*Dear Friend:*

To those of you whom we have had the pleasure of meeting, either through our Catalogue or in person, we extend our thanks for your patronage and earnestly solicit your continuance.

In presenting this Catalogue for your consideration, we have every confidence in the quality, and all seeds listed are thoroughly tested at our "Brookside Trial Grounds."

If you have not joined our family of seed buyers, we earnestly ask your perusal of our present offering, and if the clean-cut, concise descriptions and true illustrations count for anything, we can rest assured that you will be one of our many patrons. Back of our argument rests our reputation for the Square Deal.—Ask the Stumpp & Walter Co. buyer.

### TERMS

**WE DELIVER FREE** to your railroad station, by express and freight, our option, anywhere within one hundred miles of New York, all seeds and bulbs when order amounts to \$3 or more.

**VEGETABLE AND FLOWER SEEDS** ordered by the packet, ounce, 2 ounce, quarter-pound and pound are delivered free anywhere in the United States.

**POSTAGE** must be added to all Peas, Beans and Corn, at the rate of 10 cents per quart, if wanted by mail; otherwise, we will send via express, purchaser paying express charges.

**PACKING.** We make no charge for cases or packing, only for bags for timothy and clover; these bags cost 25 cents extra for each two bushels.

**REMITTANCES** should be made by Draft on Bank, Post-office Order, Registered Letter or Express Money Order. Small sums may be sent in postage stamps of small denominations. Particular care is essential in having name, post-office, county and state distinctly written. We are in receipt of many orders deficient in these important particulars, often causing a delay of weeks in executing them, to the great inconvenience of both parties.

**NON WARRANTY.**—While we exercise the greatest care to have all seeds pure and reliable, and all bulbs and plants true to name and of the best quality, we give no warranty, express or implied, as to description, quality, production, or any other matter, of any Seeds, Bulbs or Plants we send out, and we will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned. **All claims must be made within 5 days after receipt of goods.**

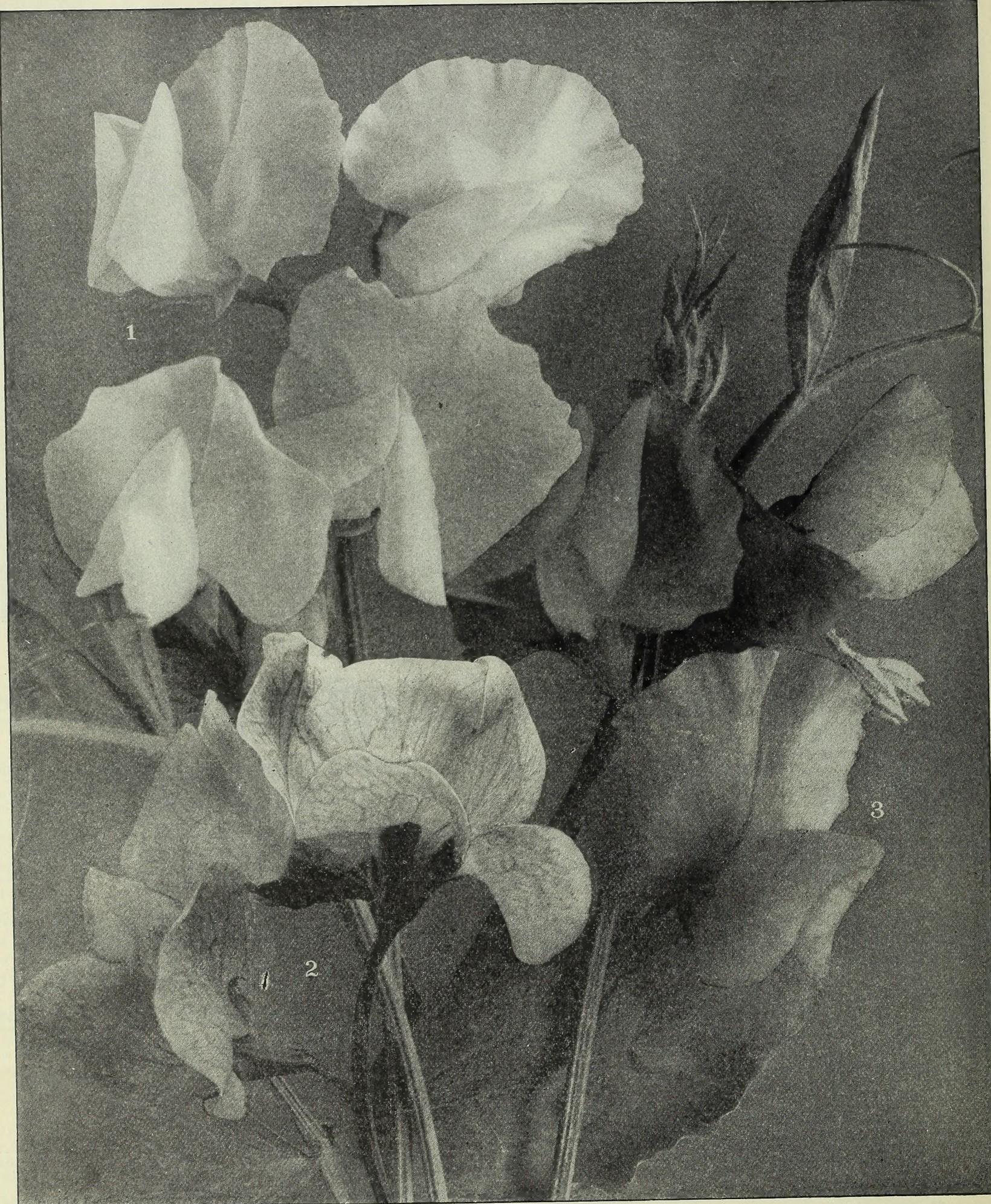
Julian H. Walter, President

George G. Stumpp, Treasurer

William A. Sperling, Secretary

**Stumpp & Walter Company**  
50 BARCLAY STREET, NEW YORK

*Trial Grounds and Nurseries, "Brookside," Dumont, N. J.*



THREE BEAUTIFUL SPENCER SWEET PEAS

1 Miriam Beaver (page 3) 2 W. H. Hutchins (page 3) 3 Maud Holmes (2d cover)

## Sweet Peas, Giant Orchid-Flowering

### Culture of Sweet Peas.

One of the methods which has been followed with excellent results is to dig a trench about a foot deep and a foot wide; at the bottom put in a layer of well-rotted manure and tramp down well, fill up about 5 inches with good soil and then firm well. Peas may be sown in single or double row, but care should be taken not to sow too thickly, cover with soil to within about 1 inch of the top of trench. When plants begin to show about 6 inches above the soil, a light dressing of bone meal is strongly recommended and a liberal supply of water should be given. The cut-worm is one of the greatest enemies of Sweet Peas, attacking the young shoots just as they come up. At the first appearance of this pest a good sprinkling of lime over the row sometimes helps to exterminate it. As soon as the vines reach a height of about 8 inches, proper trellis or other supports should be provided. Sow as soon as frost is out of the ground. Where sown in fall for early spring blooming, care should be taken to see that location is a fairly dry one.

### SIX GRAND ORCHID - FLOWERING SWEET PEAS (INTRODUCTION OF 1910)

**Marie Corelli.** Intense glowing rose-crimson, or a bright rose-red, similar in color to Princess of Wales. Especially large, with very large, drooping wings; comes four to a stem; a very vigorous grower. **Pkt. 15 cts., 1/4 oz. 50 cts., oz. \$1.50.**

**Senator Spencer.** One of the largest Spencers and an excellent waved form. The ground color is wavy and the stripes, flakes and splashes are of seal brown, chocolate and heliotrope. The general effect of the blossom is brown, and a bunch is very attractive. **Pkt. 15 cts., 1/4 oz. 50 cts., oz. \$1.50.**

**W. T. Hutchins.** A variety destined to become as famous in Sweet Peas as its illustrious namesake. It is made up of soft, delicate shades, being buff and straw, with margin and edges of light apricot-pink. It bunches beautifully and contrasts nicely with the orange-pink varieties. **Pkt. 20 cts., 1/4 oz. 75 cts., oz. \$2.25.**

**Miriam Beaver.** In shape, size, graceful arrangement on the stems, free-blooming and seedless nature, it is in all respects the same as Countess Spencer. Its novelty is its color—a glowing but soft apricot, tinted, shaded and suffused with

lemon. A little variation, perhaps, with a tint of salmon, deeper by a trifle on the back of the standard, but practically a self color. The color might be said to approach a terra-cotta tint, especially so as it harmonizes so beautifully with golden brown. **Pkt. 25 cts., 5 for \$1.**

**Dainty Spencer.** Like the popular original Dainty, of the Grandiflora, the stems are very long and usually carry four fine flowers each. It is a most beautiful pink-edged variety; and ground color is pure white with a very distinct margin of rose-pink. The edging on the standard is considerably heavier than on the wings. The general effect is light and dainty, as the white ground is particularly clear and glistening. **Pkt. 15 cts., 1/4 oz. 50 cts., oz. \$1.50.**

**Emily Eckford Spencer.** A beautiful selection of a soft purple-mauve when young, turning to blue with age. It harmonizes well with other shades and would perhaps be better understood if described as Romolo Piazanni of Spencer form. The blossoms are large, wavy and of perfect Spencer form. The long, stout stems bear uniformly four blossoms, beautifully arranged on the stem. **Pkt. 15 cts., 1/4 oz. 75 cts., oz. \$2.25.**

### STUMPP & WALTER CO.'S GRAND PRIZE COLLECTION

The following eighteen varieties of Spencer Sweet Peas are of comparatively recent introduction and are considered as being among the best. Price, unless noted, pkt. 10 cts., oz. 30 cts., 1/4 lb. \$1. Grand Prize Collection, packet each, 18 varieties, \$1.50. Grand Prize Collection, ounce each, 18 varieties, \$4.50.

**APPLE BLOSSOM SPENCER.** An immense Spencer with bright rose standard and primrose wings; wavy and fluffy and beautiful.

**ASTA OHN.** This selection is lavender, suffused with mauve.

**BEATRICE SPENCER.** As the name implies, this variety resembles, in color and markings, the old favorite Princess Beatrice. It is fully as large as Countess Spencer, with wavy standard and large wings. The ground is white, tinted with soft pink and buff on the standard, while each wing has a blotch of brighter pink near the base. One of the most delicate and dainty varieties we have.

**CAPTAIN OF THE BLUES SPENCER.** The name we have adopted fully describes this variety. It is even larger than Countess Spencer and of fully as perfect form; the standards are purple; wings bright blue. A bright, striking variety, and decidedly new in Spencers varieties.

**ENCHANTRESS.** Bright pink, shading a little deeper at the edges. It is practically the same as Countess Spencer in size, form and wavy, fluffy effect, but is a little deeper in color.

**FLORENCE MORSE SPENCER.** This might be described as a light pink-edged Countess Spencer. The flowers are extremely large, of the finest open, wavy form; they are borne upon strong, stiff stems, four flowers to each stem. This new strain comes perfectly true from seed and will delight all lovers of the Spencer Sweet Peas.

**GEORGE HERBERT SPENCER.** An excellent bright rosy carmine and particularly fine when seen under artificial light. The flowers are generally borne four on a stem; of the largest size, wings and standard well fluted.

**HELEN LEWIS SPENCER.** A large, wavy, orange-pink variety of the Spencer type.

**LOVELY SPENCER.** Standard light blush-pink with blotch of rose at the base, wings same; all suffused with soft buff. The midrib on the standard is a little deeper. The variety is variable and the lower blossoms on the stem fade lighter than the top blossoms. Of fair Spencer form.

**MRS. ROUTZAHN SPENCER.** In offering this variety for the first time, we think that it is the finest of all the wavy petaled, large-flowering Spencer types. It is a beautiful blending of soft straw color, tinted with blush-pink and shading to apricot and rose at the edges, with quite a distinct rose margin. It is of immense size, wavy edges and its long, stout stems bear uniformly four blossoms.

**MRS. SANKEY SPENCER.** Any one familiar with the old favorite, Mrs. Sankey, will at once recognize this as a black-seeded White Spencer. It is fully as large as Burpee's White Spencer and of equally perfect form. Being black-seeded, it is easy to germinate. Like all other black-seeded white Sweet Peas, there is a faint tint of pink in the bud, but the fully expanded flower is clear, pure white.

**NEW WHITE SPENCER.** It is unquestionably the finest White Sweet Pea in existence. It is beautiful and graceful, with large fluted and wavy petals; long, stout stems, bearing uniformly four well-poised, dignified blossoms of delightful fragrance.

**OTHELLO SPENCER.** The best of the dark varieties, being very large and of the finest type. It is a deep maroon and particularly of rich velvet effect.

**PRIMROSE SPENCER.** Best Primrose to date; almost as large as the White Spencer and a fitting companion to it.

**QUEEN VICTORIA SPENCER.** A superb black-seeded primrose. Soft, light, delicate and of immense size.

**RAMONA SPENCER.** Like our well-known Ramona, this variety is clear white, with soft, delicate lines and flakes of blush-pink. It is of the very finest form and immense size. Both standard and wings are wavy and fluffy, and it is very seldom one finds a stem with less than four blossoms, all beautifully poised. Delicate and beautiful.

**TENNANT SPENCER.** Rosy purple, self color. Shows a tendency toward magenta. Of fair Spencer form.

**TRUE KING EDWARD SPENCER.** This sterling novelty is the nearest approach in color to the popular King Edward VII in the waved and Spencer type. The enormous flowers come uniformly waved and crinkled to a pronounced degree. Stems are thick and heavy, bearing frequently four fine blooms. Carmine-scarlet.

#### PRICE, GRAND PRIZE COLLECTION

Packet each, 18 varieties, \$1.50 | N. B.—When making up your order it will pay you to include some of  
Ounce " " " 4.50 | our Novelties, see second cover page

Packet . . 10 cts.  
Ounce . . 30 cts.  
Quarter-pound . \$1

# S. & W. Co's Novelties and Specialties in Flower Seeds

The descriptions given on the following Novelties are those of the introducer, and in this connection we desire to say that all are from the best possible source of supply and have been selected by us with every regard for the reliability of the introducer.

## FIVE ASTERS OF STERLING MERIT

### Blue Bird

This grand novelty somewhat resembles Daybreak and Purity in habit of growth, size of flower and height. Color a fine shade of light blue; flowers reflexed. A fine bedding Aster, but is also equally adapted for pot culture and one that has enjoyed its just share of admiration at our "Trials" this past season. Pkt. 25 cts., 5 pkts. \$1.

### Rose King MATE TO VIOLET KING

When we offered Violet King a few years ago, we felt confident that it possessed numerous characteristics which would make it very popular, not only with wholesale growers, but with every lover of fine flowers. It has certainly proved to be a winner in every sense of the word. Probably it has won more prizes in the past four years at fairs, big and little, than any other variety in the world. In the commercial market it has frequently been the only dark-colored late variety to find any sale; in other places it has furnished good marketable blooms where the other varieties have failed.

### ROSE KING, continued

Now we have another color in this class, Rose King, a particularly pleasing shade and one that goes well with its mate, Violet King. It is a brighter, more brilliant color than Rose Branching. It possesses all of the characteristics of a good Aster; vigorous in habit, with stems frequently 2 feet in length, flowers large as saucers, crowns completely covered, a good keeping variety and unsurpassed for cutting. Petals are stiff and strong and do not show the effects of shipping until long after many other varieties would be wilted. Pkt. 25 cts., 5 pkts. \$1.

### Comet, Mammoth Mauve Queen

The color of this Aster is one which has been long sought after by florists. It might best be described as a rich pearl-gray, nearly approaching the color of Countess of Radnor sweet pea. The flowers are of perfect form, very large and very double on long stalk, Comet class. It is perfectly fixed and should be grown by all florists and private gardeners. Pkt. 25 cts., 5 pkts. \$1.

### Vick's Mikado

### Pink Rochester

#### OFFICIAL FLOWER OF THE CITY OF ROCHESTER

The petals are narrow, very long, and gracefully reflexed. The outer petals show to their full extent, while gradually toward the center they bend and curl across each other in magnificent disorder. Color is an exquisite shade of lavender-pink. While strictly a Comet Aster, the strongly growing, freely branching, long-stemmed plants quite resemble the Branching sorts. In growth it is unusually vigorous, the average plant having a dozen long, strong, graceful stems, each crowned with flowers from  $4\frac{1}{2}$  to 6 inches in diameter. The flower illustrated on back cover was over  $6\frac{1}{2}$  inches. Vick's Mikado Pink Rochester comes into bloom between Queen of the Market and S. & W. Co.'s Late Branching. Pkt. 25 cts., 5 pkts. \$1.

### Early Upright

### White \*

Plants grow compactly, with long, erect, flower stems, which are quite free from side shoots. Plants yield eight to twelve flowers. For an early variety the flowers are unusually large and have a solid, compact ball-shaped appearance. The crown is completely covered; petals of medium length. Pkt. 25 cts., 5 pkts. \$1.

### COLLECTION

One packet each of the 5 varieties for \$1.

Aster, Rose King



**ASTERS, S. & W. CO.'S NOVELTY TEN**

The following ten varieties we have found from our trials to be of superior MERIT, and we have no hesitancy in offering them for your consideration

**Late White Branching Comet**

The finest late white Aster, coming into bloom after all late varieties have ceased blooming. The habit is very branching, and the fine large, extra-double blooms, which are of the true Comet or loose-petaled class and are borne in almost endless profusion. Pkt. 15 cts.

**America IMPROVED PINK DAYBREAK**

Strong, robust grower, producing flowers of the largest size on very strong, stiff stems. In color it is somewhat darker than Daybreak, quite resembling the shade known as old rose. The flowers are of great substance and very lasting after being cut, more so than most other varieties. A valuable feature is its lateness of bloom, being fully two weeks later than Daybreak. Its flowers are in perfection with the late-branching varieties. Pkt. 15 cts.

**Cardinal**

The color is, as its name implies, a beautiful shade of cardinal. The growth is similar to the Branching Asters, but some dwarfer, but not so dwarf as to prevent its being one of the very best varieties for cutting purposes. The flowering season begins about the middle of August and the flowers retain their brilliant coloring for many weeks. Pkt. 15 cts.

**Early Snowdrift**

Blooming season, midsummer, being a few days in advance of Queen of the Market, while the flower is not surpassed in beauty by any of the later varieties. The entire energy of the plant seems given to the production of twelve to twenty long, slender, upright stems, crowned with immense feathery flowers. The long, recurved petals give the flowers an exceedingly graceful effect. Pkt. 15 cts.

**Lavender Gem**

When first opened, the flower is an exquisite shade of delicate lavender, deepening with age. The flower is always full double. The feathery effect of the Ostrich-feathered type, to which it belongs, is enhanced by the fact that it bears a large proportion of long, partly tubular florets, that are irregularly cut and slashed, so that the flower looks like a ragged chrysanthemum. Pkt. 15 cts.

**Lemon Drop**

A yellow one at last! It is a yellow, decidedly so, and as good a grower as any in our now large and varied class of the Daybreak type. The flowers are not quite so large as those of Daybreak, its parent, but are more perfect and symmetrical in form. In fact, the petals, are laid so perfectly that the flowers have a wax-like appearance. Pkt. 15 cts.

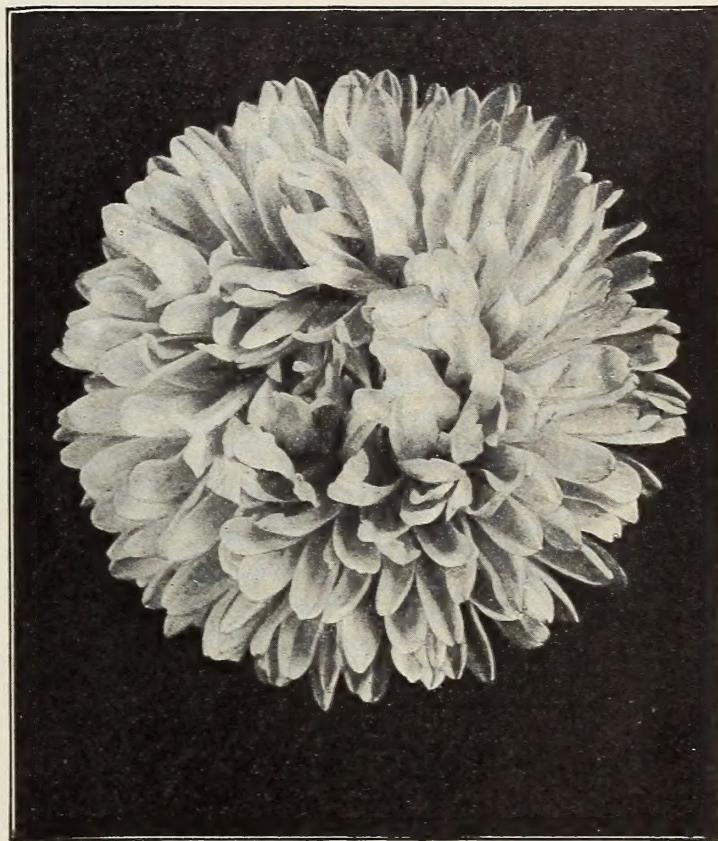
**Royal Purple**

A new strain of Branching Aster, growing about 15 inches high. Its habit of growth is entirely distinct, the stems growing directly from the ground, and not on side shoots from the main stem like other varieties. A medium-early bloomer, continuing in flower until late in the fall; in fact, it holds its bloom longer than any other variety. The flowers are large and full; petals flat and somewhat incurved; color bright purple. Pkt. 15 cts.

**COLLECTION.** 1 packet each of Stumpp & Walter Co.'s Novelty 10 . . . . . \$1.25  
2 packets each of Stumpp & Walter Co.'s Novelty 10 . . . . . 2.25

**Salmon King**

The color of this Aster is not only novel, but of a very pleasing shade bright enough to make it always conspicuous, although modest and unassuming in appearance. The habit of growth, form of the plant and flower are identical with its parent, the well-known and popular variety, Daybreak. Pkt. 15 cts.



Splendor

**Splendor**

Upright, flesh-pink. The plant has the ideal habit of an upright-growing sort. Very seldom are there any lateral branches. The stems are long, stiff and always hold their blooms in a perfectly upright way. Pkt. 15 cts.

**Sunset**

A novelty of sterling merit, and a variety that will please all; a seedling from Daybreak. The habit of the plant is the same as the well-known varieties Daybreak and Purity. The color of the flowers is a delicate shade of light pink, shading to a deep rich pink in the center, making a beautiful combination of colors in one flower. The flowers are globe-shaped and are borne on long stems in profusion. Pkt. 15 cts.

**25 cts.**

worth of Seeds or Bulbs extra is allowed on each **One Dollar** order sent for Seeds in **Packets and Ounces**, and Bulbs purchased at Dozen and Hundred rates.

This premium (allowed on cash orders) can be selected only in Packets or Ounces or Bulbs.

All seeds sold by the Pint, Quart, Peck, Bushel, or by Quarter-Pound, Half-Pound or Pound, ARE NET. Plants, Roots, Insecticides, Fertilizers, and Tools and Requisites, are also net.

## Antirrhinum, Double White Large-flowering.

Quite a new departure in the class of tall, large-flowering Snapdragons is here offered. Out of the mouth-like aperture in the flowers, between the upper and lower lips, emerge abnormal fantastic petals, which give a double and beard-like aspect to the very large bloom. In 60 to 70 per cent of the seedlings this phenomenon is more or less in evidence, the remainder producing perfect flowers of extra size, such as are otherwise seen only in the Queen Victoria and other grandiflorum varieties. A striking effect is produced by the long spikes covered with these beautiful white flowers when used for bedding, and they will be of great value as cut-flowers for vases. Pkt. 25 cts.

## Antirrhinum, Dwarf Large-flowering

**Maize Queen.** Fine salmon-maize, with yellow lip; dark green foliage; fine, large flower. Pkt. 25 cts.

**Pink Queen.** Color a lovely pink, with yellow lip; large flower; dark green foliage; very beautiful variety. Pkt. 25 cts.

**Dainty Queen.** The color of this variety is a beautiful salmon-buff, with bright yellow lip; a most pleasing and attractive color. Pkt. 15 cts.

**Rose Queen.** Flower bright rosy pink, with citron lip, deepening at top. Pkt. 15 cts.

**Buff Queen.** Flowers a lovely shade of rose, with deep canary lip, shaded orange. Pkt. 15 cts.

**Golden Fairy.** Color a beautiful shell-pink, with delicate lemon-yellow blotched lip; pale foliage. Pkt. 15 cts.

**Ageratum Mexicanum Capella.** This new Tom Thumb Ageratum differs from all other dwarf varieties by the decidedly distinct and pretty rosy chamois color of the flowers. Habit dwarf and compact; height 9 to 10 inches. Pkt. 25c., 5 pkts. \$1.

## Begonia, Double Tuberous-rooted Lafayette Hybrids.

The introducer of this grand type of Tuberous-rooted Begonias reports: These new hybrids have been obtained in my grounds by crossing that splendid and favorite deep, red-blooming, double Begonia, Lafayette, with a free and large-flowering double hybrid variety of good habit. Their originality is shown at an early stage by the brilliancy of the foliage, which is metallic dark brown, streaked with broad veins of olive-green, and highly ornamental even before the blooming period. The flowers, 1 1/2 to 2 1/2 inches across, appear chiefly in various scarlet and similar shades and hold themselves erect above the leaves. Like the female parent (Lafayette) these hybrids withstand bright sunshine and hot weather remarkably well; about 95 per cent of them come dark-leaved and 70 to 75 per cent double; they are also noteworthy for their sturdy growth, requiring practically no support. These bronze-leaved Tuberous Begonias will no doubt prove to be a very valuable addition. Pkt. 50 cts.

## Begonia gracilis, Prima Donna.

This splendid variety has been obtained by crossing the excellent white *B. semperflorens*, *Triumph* with the beautiful dark red *B. gracilis luminosa*. Of very sturdy and even habit, the plants grow about 10 inches high and form a freely branching bush 10 to 12 inches across. Its characteristic feature consists in its uncommonly large flowers, which measure 1 inch by 1 1/4 inches and are of a limpid rose, shading to carmine toward the center, a color of exquisite beauty. Borne on strong, short stalks,

## BEGONIA GRACILIS, PRIMA DONNA, continued

the blossoms appear extremely early and make a very free and continuous display above the fresh green, slightly brown-tinted foliage. *Begonia gracilis, Prima Donna*, which may be described as a perfected, ideal form of the favorite *B. gracilis*, is a superb plant for bedding and pot culture. This excellent novelty, which comes true from seed, will certainly soon become a general favorite. Pkt. 50 cts., 3 pkts. \$1.

## Brachycome iberidifolia, Little Blue Star.

This charming annual will be found a grand addition to the bedding section. The flowers are of beautiful bright blue, star-shaped, very effective plants, compact and free-flowering. Pkt. 25 cts., 5 pkts. \$1.

## Calliopsis nana compacta, Red Star.

A very small and compact plant; flowers red, small, star-shaped; very free flowering. Will be found very useful for beds and borders. Pkt. 25 cts., 5 pkts. \$1.

**Cineraria, Miniature.** This Cineraria, as its name implies, is of quite a dwarf and distinct type. The plants grow to a height of about 8 inches and are covered with small flowers which are about 1 1/4 inches wide. Colors are varied, and mostly with white centers. This variety is somewhat hardier than the ordinary type of Cineraria, and can be used for bedding in sheltered positions. Pkt. 35 cts., 5 pkts. \$1.50.

**Cineraria, Cactus-flowered.** Large flowers, petals narrow, cactus-like shape. A very pretty novelty and quite different from the present type. Pkt. 25 cts.

**Columbine, Long-spurred Blue.** To this magnificent race of Columbine, which have proven themselves so valuable for cut-flower purposes, we have a beautiful shade of blue. Pkt. 25 cts.

**Long-spurred White.** Pkt. 25 cts.  
**Long-spurred Yellow.** Pkt. 25 cts.

## Cosmea bipinnata praecox grandiflora.

Very free flowering; elegant foliage and long flower stalks, in addition to the same good qualities of the type *Cosmea bipinnata*. It differs from the Mammoth varieties by the earliness of the flowering season. Pkt. 15 cts., 2 pkts. 25 cts. (See illustration, page 7.)

## Dianthus superbissimus.

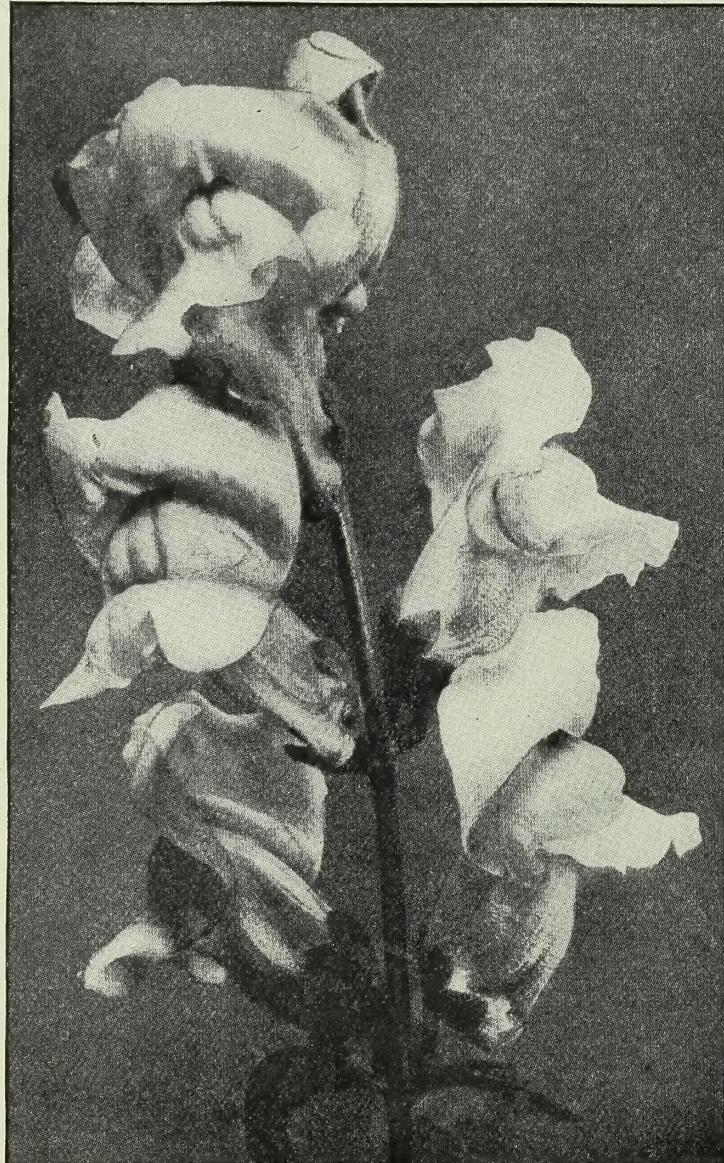
**Mixed.** A lovely new strain of Dianthus. Flowers very large, of various colors, with crested surface to petals and white throated, giving the flowers a very striking and charming appearance. The finest and largest-flowered strain of Dianthus by far for cut bloom. Pkt. 15 cts., 1/2 oz. 50 cts.

## Dianthus superbissimus, Queen Alexandra

**Our own raising.** A very fine pure white variety. The purest and largest flowered white Dianthus yet offered. The flowers are similar to Superbissimus, having the same crested surface to petals. This should prove one of the handsomest and finest market flowers for cut bloom. (See illustration, page 7.)

## Dimorphotheca aurantiaca.

**Orange Daisy.** Annual. This is by far the best introduction in recent years, the plants are of branching habit, growing about 15 inches high; the flowers are a rich golden orange with a dark center; being an annual it is easily cultivated and will give a magnificent display all summer. Very highly recommended. Pkt. 15 cts., 2 pkts. 25 cts. (See illustration, page 8.)



Dwarf Large-flowering Antirrhinum

## The New Ostrich Plume Celosia, Castle Gould

*Celosia pyramidalis plumosa hybrida,*  
*Castle Gould*

(PRIDE OF CASTLE GOULD)

An entirely distinct type of the *Celosia pyramidalis plumosa* and surpasses by far anything thus far placed on the market. This strain has through constant culture and careful selection and hybridization proven its superiority similar to anything ever offered.

The following four strong points speak for themselves:

HABIT OF PLANTS. Pyramidal, compact growth, of from 2 to 3 feet, with immense, extra-fine feathered heads give the plant a most striking appearance.

MARKET VALUE. The flowers being of such bright and intense color, and the plant of erect growth and beautiful foliage, it creates the greatest admiration, wherever shown, and establishes a demand for itself that every plant lover must appreciate.

COLOR. The following distinct colors are among these hybrids: Blood-red, Real Carmine, Golden Yellow, Salmon, Deep Scarlet, Dark Orange and Wine-red, however, by variation there will be found many more shades; the self-coloring will be surprising.

DECORATIVE VALUE. As a pot plant, with its quick-growing habit, we believe there is no finer plant known at the present time, wherfrom in the course of six months a most excellent stock of saleable plants in every size can be obtained. As a bedding plant, cannot be equaled by any other annual for its profusion of flowers and variety of striking colors, and we consider it the queen of all decorative annuals where showing groups are desired, and when given a fine sunny exposure it will develop to its highest perfection. We offer seed for the first year of our own crop raised strictly from pot-grown plants.

Awards: Silver Medal National Flower Show, Chicago, Ill., 1908; Certificate New York Florists' Club, 1907; Special Diploma of Merit, Mineola Fair, 1907.

Mixed shades, 50 cts. per pkt.

## Eschscholtzia, Dainty Queen.

scholtzia. Color is a tender blush or pale coral-pink, slightly deeper towards the edges, with a ground work of delicate cream; same color inside as outside of flower. The blooms stand well above the bright green foliage. Pkt. 25 cts.,  $\frac{1}{8}$ oz. 50 cts.

## Eschscholtzia, Carmine King.

A beautiful bright carmine, very distinct in every way. Pkt. 10 cts.,  $\frac{1}{8}$ oz. 50 cts.

## Eschscholtzia, Mikado.

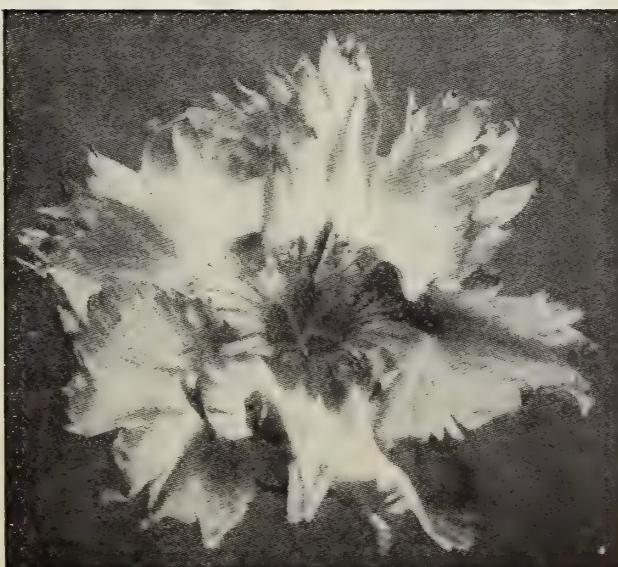
This variety is the result of a cross between Mandarin and Carmine King, and is one of the most brilliant varieties in color ever introduced. The color is orange crimson suffused with deep crimson. This will make an excellent companion for the other vari-colored Eschscholtzias now being introduced and will prove very valuable as a cut-flower. Pkt. 15 cts., 2 for 25 cts.



New Ostrich Plume Celosia, Castle Gould

A beautiful new shade of Esch-

ways been very popular, more especially the double Lorenziana and we feel that the variety we now offer as "The Bride" will be much sought after. The flower is white, very double and borne on very long stalks, making it an ideal plant either for bedding or cut blooms. Pkt. 25 cts., 5 pkts. \$1.



Dianthus superbissimus, Queen Alexandra (see page 6)

**Francoa glabrata.** A new hardy Francoa from Chili, forming dense tufts of broad, light green, entirely smooth leaves. The flowers are of the purest snow-white, are very freely produced on large-branched spikes, and will be found invaluable for bouquets. Pkt. 35 cts., 3 pkts. \$1.

**Godetia, Sunset.** Dwarf, compact; the most dazzling color of all, rosy crimson, and by far the most compact, forming perfect bushes of bloom, 9 inches in height. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts., oz. 90c.

**Godetia, Carter's Double Pink.** Hardy annual, quite distinct, producing long spikes with eighteen to twenty beautiful double pink blooms. They make an excellent cut-flower, a spike of half-opened buds continuing to develop for a long time if fresh supplies of water be given daily. It also makes an effective pot plant for the conservatory stage when sown at end of summer and kept growing through the winter in a cool house. Height 2 feet. Pkt. 25 cts.

**Godetia, New Lander.** This most graceful Godetia is wholly new to seedsmen, botanists and florists, and will prove a grand surprise. During the first season it is trailing; when commencing to bloom the plants are upright, attaining the height of 2 feet; otherwise the habit is like most of present species. The flowers are nearly 2 inches across and are produced in royal abundance. Pkt. 15 cts., 2 pkts. 25 cts.

**Gaillardia Lorenziana, The Bride.** The annual Gaillardias have al-

ways been very popular, more especially the double Lorenziana and we feel that the variety we now offer as "The Bride" will be much sought after. The flower is white, very double and borne on very long stalks, making it an ideal plant either for bedding or cut blooms. Pkt. 25 cts., 5 pkts. \$1.

**Gerbera Jamesonii hybrida.** This beautiful novelty was first raised by Mr. Lynch, curator of the Botanic Gardens at Cambridge, England. Mr. Lynch added to the brilliant orange-scarlet of the type a series of fine new colors, including rose, pure yellow, orange, salmon, cerise and ruby-red to violet. This variety is somewhat hardier than the parent form, and their beautiful starry flowers are borne on long, rigid stalks, rendering them most admirably suited to all kinds of floral decoration. It is recommended when sowing to place seed with pointed end upwards and just peeping over the surface of the soil. Pkt. 50 cts.

## Gerbera Jamesonii.

**Transvaal Daisy.** The scarlet Marguerite. Very distinct; fine either for outdoor or indoor growing. Half-hardy perennial. Pkt. (25 seeds) 25 cts.

## Gypsophila elegans Carminea.

A carmine flowering variety, much brighter than the old variety *G. elegans rosea*; a great improvement. The plants grow from 10 to 12 inches in height and are covered with bloom. Pkt. 15 cts.,  $\frac{1}{8}$ oz. 50 cts.

**Helenium, Riverton Gem.** Of strong growth,  $2\frac{1}{2}$  to 3 feet high and literally covered from the middle of August till the end of October with brilliant flowers, opening old gold, changing as they mature to wallflower-red. Pkt. 15 cts., 2 pkts. 25 cts.

**Helenium, Riverton Beauty.** Similar to the preceding in every way except color, the petals being a rich lemon-yellow, surrounding a large cone of purplish black; a striking combination. Pkt. 15 cts., 2 pkts. 25 cts.

**Helianthus cucumerifolius purpureus.** **The Real Red Sunflower.** A real Helianthus whose flowers show the red colors so much desired and sought for. The whole scale of colors from the light pink to the deepest purple is already to be found with these new hybrids, and it is only a question of time that also the blood-red, the copper-red and other red tints will adorn these true Sunflowers. The richness of forms of these Red Sunflowers is as interesting as beautiful. Straight and flat petals vary with twisted and pointed ones, which, on their part, appear colored in the various shades of purple, forming often a distinct circle, on yellow ground around the dark blue. Pkt. 35 cts., 5 pkts. \$1.50.

**Impatiens Holstii.** A new annual plant from East Africa, resembling the Zanzibar Balsam in habit, leaf and shape of blossom. Color vermillion. Pkt. 25 cts.

### Lupinus polyphyllus roseus.

The plants of the beautiful half-hardy perennial are of beautiful, robust, branching habit. An excellent subject for the herbaceous border; flowers being produced in long spikes of soft rose-pink. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25c., oz. 75c.



Dimorphotheca aurantiaca (see page 6)

**Lupinus polyphyllus excelsior.** This fine strain of perennial Lupines will be found a grand addition to the hardy perennial section, embracing as it does, a splendid assortment of colors, ranging from very pale to deep rose, and various shades of lavender, mauve and blues, a really fine mixture. Pkt. 25 cts., 5 pkts. \$1.

**Marigold, Giant-flowered African.** This strain of Marigold has been brought about by careful selection on the part of our growers and those wishing unusually large flowers of this very charming annual will not be disappointed by giving these a trial.  
**Giant Show Lemon.** Pkt. 25 cts.  
**Giant Show Orange.** Pkt. 25 cts.

### Myosotis alpestris striata grandiflora. Large-flowering

**Pillar-Shaped Forget-me-not.** The Striata class has been welcomed as a great favorite with the public, distinguishing itself by the most striking and very charming structure of the plant. All the branches that form the plants grow straight, without ever bending aside, and take on a very beautiful pyramidal form. Its habit makes it a very desirable pot-plant variety, or as an edging for flower beds.

**Grandiflora, Fair Maiden.** Excellent light pink.  
**Grandiflora, Royal Blue.** Dark blue.  
**Grandiflora, White.** Excellent white.

Pkt. 10 cts.,  $\frac{1}{8}$  oz. 50 cts.

**DWARF PILLAR-SHAPED FORGET-ME-NOT, SKY BLUE.** A very excellent variety of the well-known Striata class, has also the true pillar shape. It is of the same habit, but reaches only half the height of the former, large-flowering pillar-shaped Forget-me-not. Pkt. 25c.,  $\frac{1}{8}$  oz. \$1.

### Two New Nasturtiums

**TOM THUMB FIREBALL.** A new and distinct variety. Flowers a deep orange-scarlet, showing well above the small, dark green foliage and very free flowering and compact. Pkt. 25 cts.

**TOM THUMB FELTHAM BEAUTY.** This variety is also new and distinct. Flowers a deep, rich, dazzling scarlet. The plants are compact in habit and very free flowering. The flowers stand well above the pale green foliage. A very free-blooming and attractive variety. Pkt. 25 cts.



Cosmea bipinnata praecox grandiflora (see page 6)

We are headquarters for GIANT ORCHID-FLOWERING SWEET PEAS. Don't forget to include some of this season's Novelties in your order. See inside of first cover page

### Variegated-leaved Nasturtiums

This new type of Nasturtiums, which came prominently before our attention this past season, has proven to be a very valuable addition to the list. The beautiful coloring of the flowers interspersed with the silver, variegated leaves render a very pleasing contrast; particularly when used for covering arches and trellises, or massed among rockeries on terraces, the effect produced is very striking.

#### **VARIEGATED-LEAVED DWARF QUEEN**

	Pkt.	Oz.
Queen of Tom Thumb, Crimson.....	\$0 10	\$0 50
" " " Scarlet.....	10	50
" " " Yellow Spotted.....	10	50
" " " Rosy Scarlet.....	10	50
" " " Primrose.....	10	50
" " " Mixed.....	10	40

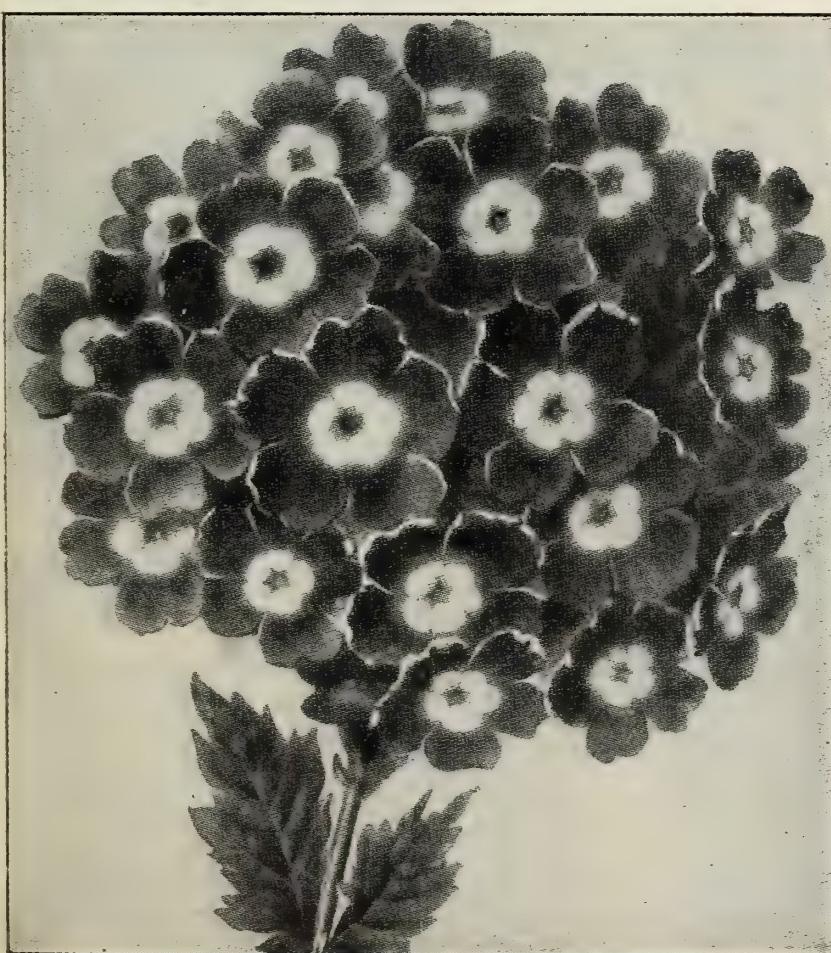
#### **VARIEGATED-LEAVED TALL QUEEN**

	Pkt.	Oz.
Crimson Beauty. Deep crimson-scarlet.....	\$0 10	\$0 50
Scarlet Beauty. Rich, rose-scarlet.....	10	50
Queen Alexandra. Blood-red, mottled and marbled..	10	50
Queen of Spain. Golden yellow, spotted brown.....	10	50
Queen of the Morning. Aurora-colored shades.....	10	50
Queen of the North. Sulphur-yellow.....	10	50
Dwarf Queen, Mixed.....	10	40

### **New Giant-flowering Tall Nasturtium.**

The plants are strong and vigorous, with very large, bright green leaves, measuring from 5 to 8 inches across. The flowers, which are very numerous, measure 3 inches in diameter and are borne on long stems well above the foliage. They are exquisitely formed, with overlapping, crinkled petals. They are produced in great numbers and have a most striking effect. Their fine color, long stems, great size and esthetic form make them valuable for cutting. Mixed. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 60 cts., lb. \$1.50.

**NEW GIANT-FLOWERING DWARF NASTURTIUM.** Mixed.  
Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$ lb. 75 cts., lb. \$2.



Giant-flowered Verbenas

**Nigella, Miss Jekyll.** A particularly fine variety of this charming annual, growing about 18 inches high, and bearing on long stems lovely cornflower blue flowers, which are much prized for cutting in the leading European cities. A very free bloomer as well as easy of cultivation. Pkt. 15c., 2 pkts. 25 cts.

### New Gigantic Evening Primrose, America,

A vast improvement on *Oenothera acaulis*. Plants are stronger in growth, harder and fully 1 inch larger. By most rigid selection for size, snowy whiteness, and for abundance of bloom, a variety has now been built up which produces banks of flowers uniform in every respect from seed 4 $\frac{1}{2}$  to 5 inches in diameter, perfectly regular, flat and of purest white. One petal of these enormous flowers will cover the whole flower of the ordinary *Oenotheras*. Pkt. 25 cts.

### **Three Single Annual Poppies**

These three varieties of annual Poppies are well worthy of a trial, being very easy to grow; succeeding very well under varied conditions.

**King Edward.** With this beautiful novelty we have another splendid addition to the rich collection of single annual Poppies and a worthy companion to such fine sorts as Admiral, Charles Darwin, Miss Sherwood and Dainty Lady, which have been sent out during the last few years. The plants of this new variety, 2 $\frac{1}{2}$  feet in height, bring forth in great profusion large flowers of a deep scarlet-red, of gorgeous effect, which is heightened by the large black blotch adorning each petal for half its length from the base. From this sable hue the yellow anthers stand out in appropriate contrast. With this new and strikingly handsome Poppy, which comes quite true from seed, highly ornamental and most effective groups for border decoration can be made. Pkt. 25 cts.

**Virginia.** A large-flowering, annual Poppy, with single, white-fringed flowers, edged with delicate rose, charming for vases and lasting a long time when cut at an early stage of the flowering. Cultivate same as other annual Poppies. Pkt. 25 cts.

**Charles Darwin.** Remarkable for the unique color of its large, smooth-edged flowers, being a striking rich, dark purple, with a velvety black spot at the base of each petal. A dense wreath of white anthers produces a fine contrast with the extra ordinary color of the flower. Pkt. 25 cts.

Collection 1 packet each of 3 varieties, 50 cts.

### **Salvia patens compacta nana. New Dwarf Blue Salvia.**

A new dwarf form of the popular plant. About a foot in height, it sends up many flower spikes which stand well clear of the foliage and bear blooms larger and of a deeper hue than the older variety.

**Giant Stock, Abundance.** Without a doubt this is the finest Stock ever introduced. It blooms profusely, the color of the flower being a beautiful pink. In our trial grounds the past summer we had several plants that measured 2 feet across. With good culture, transplanting several times and feeding with liquid manure, one can obtain gigantic bouquets similar to cut. This variety can be cultivated either as a summer or winter stock, and by sowing early in June it may be had in flower by Christmas time. Pkt. 25 cts., 5 pkts. \$1.

### **New Giant-flowered Verbena Mixture**

**Introducer's description.** If I bring under this name, a new class of Verbenas before the public, I am aware that it has to be of extraordinary beauty in order to surpass all best varieties and strains in existence. I can assert that my new giant-flowered Verbenas excel all other varieties hitherto known by the size and noble shape of the flower, its rich display of colors and shades, and by the fact that seedlings come quite true, not varying as some older valuable varieties do, but keeping quite up to the standard. This novelty here offered contains a large percentage of red colors of various shades, such as Tyrian Rose, Purple-Garnet, Turkey-Red, Geranium Red, Bright Rosy Scarlet and others, colorations of highest value, especially as most Verbena mixtures decline to the blue shades. The flowerets are enormously large and have, without exception, a large, brilliant, white eye, which gives to the flower a most effective appearance. Pkt. 35c.

**Zinnia Haageana Stellata.** The *Zinnia Haageana Stellata* resembles a miniature cactus dahlia, so truly does it render the character of the cactus form with its pointed petals twisted downward. The plant forms a low, compact bush with strong green foliage. Flowers from July until frost. Pkt. 25 cts.

# Recent Novelties and Specialties in Vegetable Seeds

## New Dark-Leaved Globe Beet

### THE DARK-FLESHED ROUND BEET

Hitherto, the improved selections of turnip-rooted Beet have been wanting in that important essential, a dark leaf. The novelty we offer has not only a dark leaf like the best decorative strains, but is equal in the color of the flesh to the Dell's type. These two important features, coupled with its handsome form, place this variety in the front rank of this class of Beet. Per pkt. 10c., oz. 15c.,  $\frac{1}{4}$ lb. 40c., lb. \$1.25.

## The New Burpee Improved Bush Lima Bean

Earliest, largest and the best of all large Limas! The sturdy bushes are loaded with pods that are truly enormous in size! The luscious green beans are larger than any Limas ever known before! It differs from the best strains of *Burpee's Bush Lima* in having uniformly much larger pods producing more beans, while both pods and beans are not only larger in size but also considerably thicker. The stiffly erect upright bushes are more vigorous in growth with heavier foliage. Full-grown bushes measure thirty inches in height and twenty-four inches across the top, producing magnificent crops of pods which measure from five to six inches long by one and one-quarter inches wide. The blossom-bearing stalks are thrown well out from the foliage, and the pods are borne in what might be called "clusters" of from five to eight. It is fully *eight to ten days earlier* than any other Large Lima, either bush or pole. This one feature alone would suffice quickly to make it the most popular of all Large Limas. Per  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 60 cts., 4 qts. \$2.25.

## Brussels Sprouts, S. & W. Co.'s Favorite

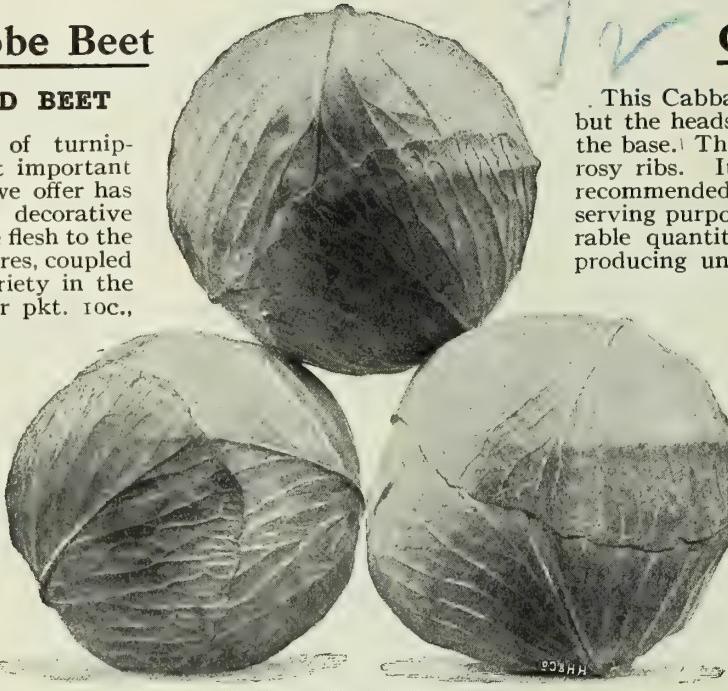
### LONG ISLAND GROWN

A very fine strain, the result of many years' careful selection; for color, hardiness and productiveness it cannot be equaled.

An extra-fine variety for either private- or market-garden trade. It has a thin, smooth skin, fine flavor, and we do not know of a variety that will give such general satisfaction. Price, pkt. 10 cts.,  $\frac{1}{2}$ oz. 20 cts., oz. 35 cts.,  $\frac{1}{4}$ lb. \$1, lb. \$3.50.



S. & W. Co.'s Favorite Brussels Sprouts



Cabbage, Danish Drumhead

## Cabbage Goliath

This Cabbage resembles the Filder or Pomeranian, but the heads are much larger, firmer and broader at the base. They are of a deep, dark green color with rosy ribs. It is a late variety and can be highly recommended for large establishments and for preserving purposes. Where the production of considerable quantities is required, Goliath has no equal, producing under normal conditions heads averaging 10 to 12 lbs. in weight, while single specimens often turn the scale at 14 or 15 lbs. It is far superior in this respect even to the Brunswick, the variety generally used up till now for these purposes. Pkt. 15 cts., 3 pkts. 40 cts.

## S. & W. Co.'s Large Late Solid Dutch Cabbage

This is without a doubt the best of all the late Cabbages, either for home use or market; large, solid and of a crisp, fine flavor. It is one of the best Cabbages we have ever known for keeping during the winter, is an excellent kraut cabbage, and should be grown and known by every one who raises Cabbages. Per pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

## Danish Drumhead Cabbage

Averages much larger in size than the Ballhead, is about two weeks earlier, fine-grained, sweet-flavored, and the best Cabbage for winter use. Per pkt. 10 cts.,  $\frac{1}{2}$ oz. 20 cts., oz. 35 cts.,  $\frac{1}{4}$ lb. \$1, lb. \$3.50.

## S. & W. Co.'s Improved Long Red Surrey Carrot

A great improvement on the various types of Long Orange Carrot, obtained by a careful selection for successive years of the best-formed and deepest-colored roots; it is larger, better flavored, of a deeper orange color, and more certain to produce a crop than any type of long carrot; flesh very sweet and tender; very productive, and never becomes hard or woody at the heart. The roots grow very regular and smooth; they are of good size, being from six to eight inches in length and two inches in diameter at the top, tapering gradually from the shoulder to the tip of the roots. In color, shape or size this is the ideal sort for a market gardener's late crop. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

## Sutton's New Red Intermediate Carrot

This excellent Carrot needs no recommendation. It is handsome in form, and as it is of fine color and texture it is well suited for exhibition. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

## New Curled Swiss Chard

The leaves of the Swiss Chard or Spinach Beet are used, minced and boiled like Spinach leaves. The stalk and midrib are eaten as well as the green part of the blade. These are very broad, tender, and fleshy, and have a very agreeable and quite peculiar flavor. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.25.

**Grand New Sweet Corn, Livingston's Early Sugar**

A distinct and valuable addition to the early Sweet Corns, evolved during six years of careful breeding and painstaking selection. Planted in a favorable season, Livingston's Early Sugar is ready for table use in 60 days from time of planting. As compared with other good early sorts, it has bigger ears with more even rows which are invariably filled well to the tip.

Ears average 7 inches long by  $2\frac{1}{4}$  inches in diameter, have from 10 to 12 rows of deep, broad, pearly white kernels of delightfully sweet flavor which is not surpassed by any other early kind. Sixty per cent of the stalks carry two splendid, well-developed ears which are usually placed from 2 to 3 feet above the ground. A remarkable characteristic of Livingston's Early Sugar is the exceptionally strong husk which protects the ears from ravages of insects.

**Livingston's Early Sugar** does not stool, but produces strong, sturdy plants which resist wind admirably. They stand up well, average 6 feet tall and furnish an abundance of fine fodder.

We are delighted to be able to offer our customers something real new and good in Livingston's Early Sugar and invite expressions of opinion from those who plant this corn the coming season. Pkt. 15 cts.; 3 pkts., 40 cts., postpaid.

**New Sweet Corn, Morse's Golden Cream**

A very early Yellow Sweet Corn having all the characteristics of Country Gentleman with the added advantages of earliness; fully as early as Golden Bantam. The ears are medium in size, covered with irregular rows of bright yellow kernels. The color is rather a more pronounced yellow than Golden Bantam. Bears uniformly two ears to the stalk. Lb. 40 cts., 10 lbs. \$3.50, 50 lbs. \$15.

**New Davis Perfect Cucumber**

The originator of this cucumber states that he has been experimenting for years to get a better strain of cucumber for growing out-of-doors as well as for forcing, and after repeated failures has at last succeeded in fixing a perfect type combining quality, shape, color and productiveness. In color, a dark, glossy green; shape, slim and symmetrical, with an average length of ten to twelve inches. They never grow pussy and hold their color until nearly ripe, when they turn white without a sign of a yellow streak on them. The quality is fine, as the seeds are very soft when the cucumber is fit for table use. The flesh is very tender and brittle and of exceptionally good flavor.

Another strong point of merit is its splendid shipping qualities. It seems to hold its color and brittleness long after being cut, and, on account of its being such a strong grower, it is able to resist the cucumber disease which works destruction among so many of the best forcing varieties.

Per pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2, 5 lbs. \$8.

**New Pea, Primo**

A grand acquisition, the result of a cross between the well-known varieties Gradus and Early William.

The distinctive merits of this grand Pea are its extreme earliness combined with exceptional quality.

The pods are as large as Gradus, and equal in quality to this popular variety, but with the advantages of being harder and much more prolific.

The pods are very handsome, mostly in pairs, containing nine large peas of delicious flavor.

The haulm is strong and robust, growing to about three feet in height.

As an early Pea for market purposes, this latest introduction will prove a great acquisition both for earliness and productiveness.

Being more hardy than Gradus and other early varieties, it can be sown earlier, and it is, moreover, absolutely fixed in character. Pkt. 35 cts., pt. 60 cts., qt. \$1.

**Parsley, Curled Beauty**

Distinct in appearance from any of the other varieties, being of a lighter and more brilliant shade of green. The plant is of dwarf habit, with leaves finely cut and very curly. To growers for the market, as well as for private gardens, we recommend this sort. Per pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. 90 cts.

**Climbing French Beans**

**Tit-Bits.** This variety will be welcomed by all who appreciate a delicate, stringless bean for the table. The market gardener will probably find it somewhat too small for this purpose, but we can strongly recommend it to all who prefer quality to size. The plant is of medium height, and a very free cropper. The pods are borne in bunches of eight to twelve in profusion, and are of excellent quality. Pkt. 25 cts., 5 for \$1.



New Pea, Primo

## Early White Albino Potato

This wonderful new, early Potato is a good cropper. The skin and flesh are extremely white, of exceptionally good cooking quality and very prolific, fully as early as the old Early Rose in maturing, and particularly valuable for the early market by reason of its fine shape and early maturity. The vines grow erect, and is one of the best early varieties to withstand blight and disease. Plant this Potato early in good soil and give it good cultivation, and pleasing results are sure at harvest time. One grand thing in favor of this early Potato is its great keeping quality. Pk. \$1,  $\frac{1}{2}$ bus. \$1.75, bus. \$3, bbl. \$7.



Early White Albino Potato

## Potato, Green Mountain, Jr.

### NEW WHITE SEEDLING

It is practically thorough-bred or pure bred. It has all the parents' good qualities and in general appearance is the same, except it is a trifle whiter in color and the skin more netted. It grows round to oblong, somewhat flattened; eyes shallow. The sprouts in spring are white and stubby and do not grow very long. Soon after the stalks appear above the surface they branch very much, the broad, dark green leaves lying close to and completely covering the ground, which will kill weeds and grass and have a tendency to hold moisture. It will make a vigorous, rapid growth, set a large number in the hill and mature to the best marketable size a few days earlier than its parents. Blossom is white, with yellow center stalks. Cooking quality excellent. The past season on our trial grounds it gave a yield at the rate of 640 bushels per acre. Per 4 qts. 50 cts., 8 qts. 90 cts.,  $\frac{1}{2}$ bus. \$1.60, bus. \$2.75, bbl. \$7.

## Spinach, New Zealand.

This plant is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities where ordinary spinach does badly. The seed is sown either in a hotbed or open ground during May, where the plants are to stand, and the plants will continue to yield a supply of leaves during the entire summer, requiring hardly any attention. The leaves are eaten boiled and minced like ordinary Spinach. This grand vegetable is not well enough known, and should be grown in every garden. In fact, it can be called cut-and-come-again Spinach, as it is a continuous bearer. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$ lb. 30 cts., lb. \$1.

## Spinach, "Triumph." Hardy, Long-Standing

A new, distinct and very hardy round-seeded Spinach, with large thick fleshy dark green leaves, which are produced in great abundance even in the coldest season.

While hardiness is one of its most meritorious features, it is equally valuable for Summer use, both on account of the good qualities of the leaves and the fact that the plant is slower in running to seed than any variety now in commerce.

This Spinach has been submitted to the most severe tests at the Witham Seed Farms during the past three years, and we confidently recommend it as a novelty of sterling merit. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

## S. & W. Co.'s Sunrise Tomato

As the name properly infers this is an extremely early Tomato and from our trials proved to be of exceptional quality. A large majority of the vines produced excellent fruit early in July.

The chief points in Sunrise are

Its earliness. It ripens several days earlier than most varieties.

Its prolific character.

Its robust constitution. No trace of disease.

Its solid but delicate flesh. Contains very few seeds and practically no eye.

Its evenness of size as a dessert fruit.

Its bright scarlet color and rich acid flavor.

**Its equal value for indoor or outdoor cultivation.**

Pkt. 25 cts., 5 pkts. \$1.

## WE ARE HEADQUARTERS ON NOVELTY DAHLIAS

Our list contains the cream of this year's introductions from a famous English Dahlia grower.



Potato, Green Mountain, Jr.



## FIRST PRIZE VEGETABLE COLLECTION

*Exhibited by the A. R. Whitney Estate, Morristown, N. J.,  
(Harold B. Vyse, Supt.), at the Annual Flower Show of the  
Morris County Gardeners' and Florists' Society, Morristown,  
N. J., held at Golf Club Convent, N. J., November 2, 1910*

The vegetables shown were of the highest type of agricultural perfection, and the display was well staged, very attractive and pleasing, clearly indicating the possibilities of artistic decoration for Vegetable Exhibits.



Field of Improved Black Wax Beans

## Stumpp & Walter Co.'s Vegetable Seeds

It has always been our endeavor to list only such sorts of Vegetable Seeds which, from our tests at our "Brookside" Trial Grounds, we have found to be of superior merit, and while we have in many instances not listed certain varieties, which have been stricken out on account of being out of date, we have in every instance listed a superior sort.

**WE STRONGLY RECOMMEND ALL VARIETIES LISTED IN BOLD TYPE**

### ARTICHOKE

One ounce will produce 500 plants

**Large Green Globe.** The well-known French vegetable. The undeveloped flower-heads when properly prepared make a most delicious dish. Pkt. 10 cts., ounce 35c.,  $\frac{1}{4}$  lb. \$1.  
**Jerusalem.** Roots, see page 39.

### ASPARAGUS

One ounce will plant about 50 feet of drill

**Conover's Colossal.** A mammoth green sort of the largest size and of good quality. The best of the old kinds. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts.

**Columbian Mammoth White.** A sport from Conover's Colossal. It produces pure white shoots and requires no artificial blanching. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts.

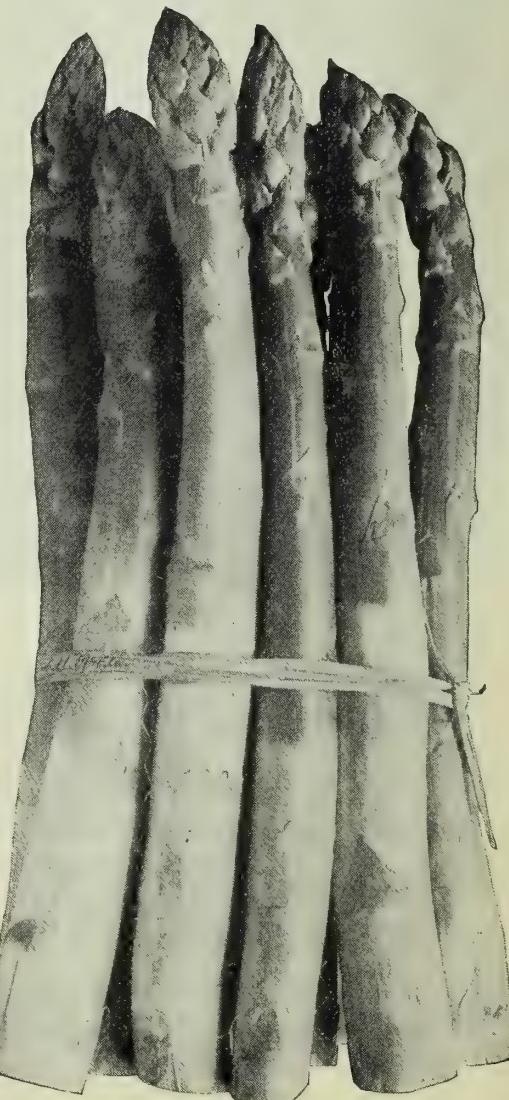
### ASPARAGUS ROOTS

**Culture.** The demand for Asparagus as an early spring vegetable is becoming quite popular. An Asparagus bed intended for family use can be quickly established by the planting of our **Mammoth Roots**, which should be set out in the spring in rich soil. Dig a trench about 2 feet deep and  $1\frac{1}{2}$  feet wide, and fill in to about one foot from the surface with well-rotted manure. On this put about six inches of good garden soil and lay the roots 18 inches apart, then fill up, leaving the crown about 4 inches below the surface. In placing the crown in the ground be sure to see that the roots are well separated, thus permitting them to become feeders in every direction. A good plan to follow is to have the rows about 4 to 5 feet apart, thus permitting of easy cultivation as soon as the Asparagus shows above the soil. To get best results, Asparagus should not be cut until the second year. A good method of cultivation is to work in a liberal supply of manure after the first spring cutting.

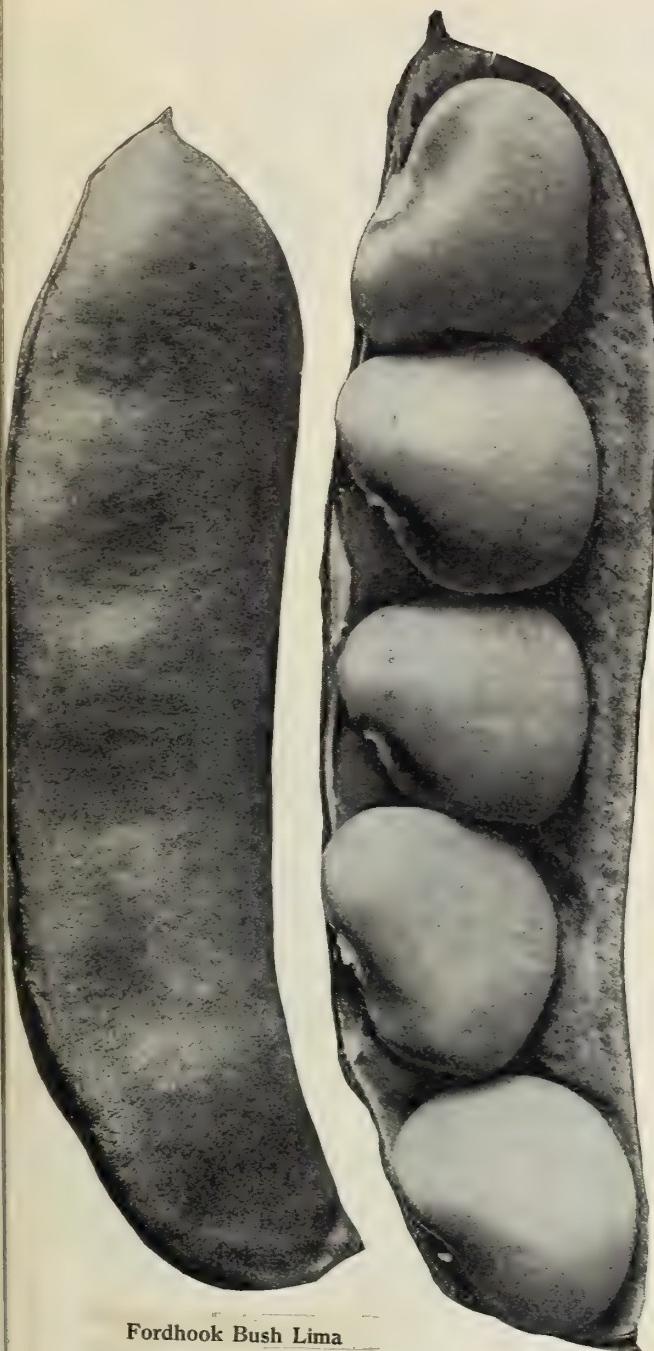
#### Conover's Colossal, Columbian Mammoth White and Palmetto

Selected One-Year Roots, any of above varieties.....	100	1,000
Extra-choice Two-Year Roots, any of above varieties.....	\$0 75	\$6 00
Mammoth Three-Year Roots, any of the above varieties .....	1 50	10 00

FORCING CROWNS, see page 39



Conover's Colossal Asparagus

**LIMA BEANS (Pole)**One quart will  
plant 100 hills

Fordhook Bush Lima

**CULTURE.**—Lima, or Shell Beans are not to be planted too early or they will rot; May 20 to June 1 in the latitude of New York is about right. Put five or six seeds in hills three to four feet apart each way, placing them edgewise with the eye downward and covering two inches deep. They require a pole seven feet high, and a nice warm loam. Pinch back when the vine reaches the top of the pole and the yield will be increased. They may be started early under glass in small boxes, and transplanted about the time the seeds are usually planted. Limas are the most popular table bean; surplus stock may be ripened and dried for winter use.

**S. & W. Co.'s Green-Seeded.**

The vine is very strong, of vigorous growth, with many large runners or branches, producing a great many fine pods which are closely filled with large beans. In shape these beans are similar to Burpee's Improved. The pods contain from three to four beans, a large proportion containing four. This is a broad-seeded Bean, much thicker than the ordinary Pole Lima. It is a plump, well-developed seed and comes nearer to having every bean perfect than any other Pole Lima. The green tint is a distinctive feature of this Bean, for it retains this tint in the dry state to a greater extent than usual, which indicates the fine qualities which it possesses, being fine-flavored and more tender when cooked than white-seeded Beans, and making it more pleasing to gardeners and housekeepers. It is the most perfect Pole Lima.  $\frac{1}{4}$  lb. 15 cts.,  $\frac{1}{2}$  lb. 25c., lb. 40 cts., 5 lbs. \$1.75.

**Challenger, or**

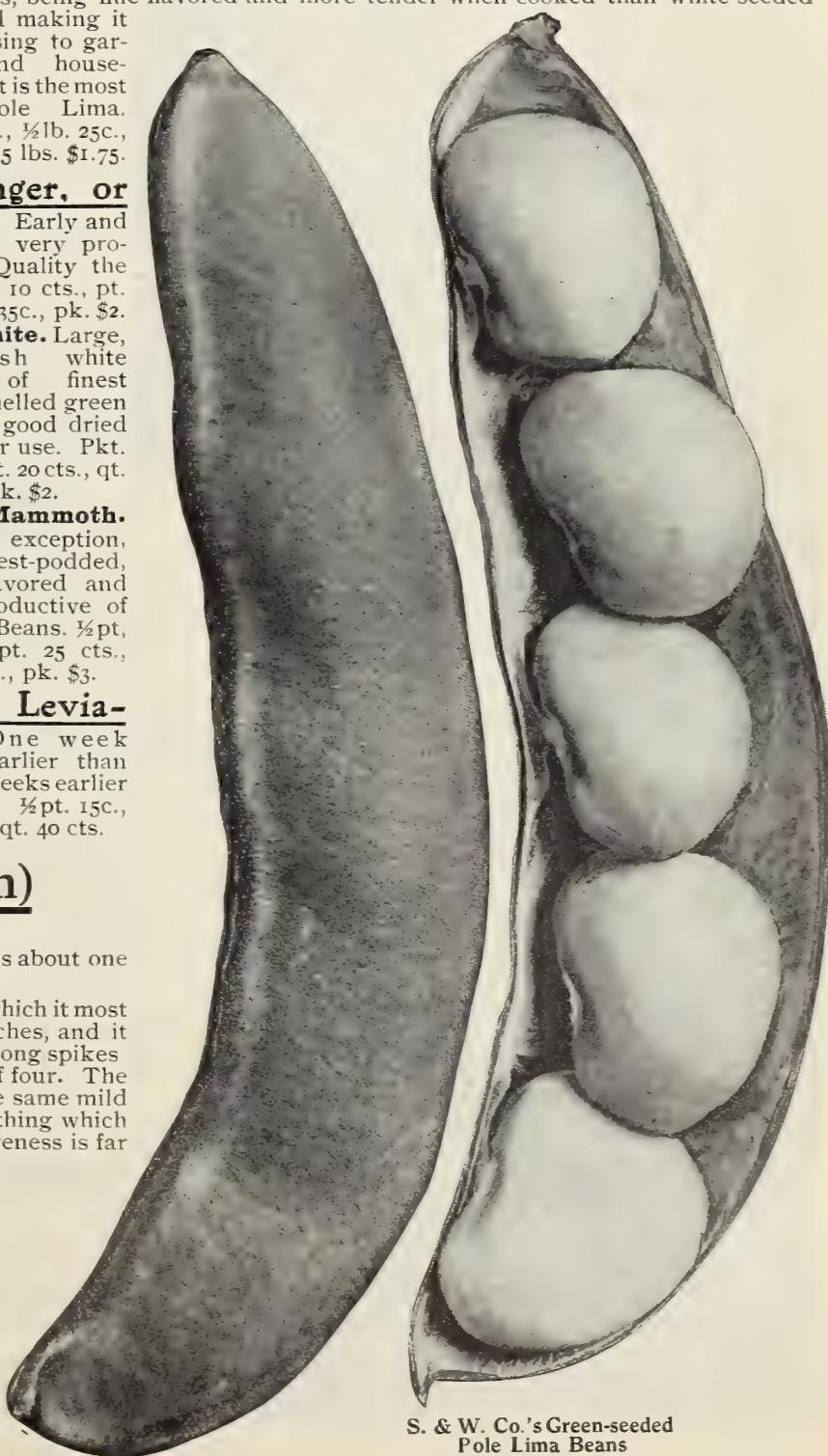
**Potato.** Early and productive. Quality the best. Pkt. 10 cts., pt. 20 cts., qt. 35c., pk. \$2.

**Large White.** Large, greenish white beans, of finest flavor, shelled green and also good dried for winter use. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., pk. \$2.

**Ford's Mammoth.** Without exception, the largest-podded, finest-flavored and most productive of all Lima Beans.  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 45 cts., pk. \$3.

**Early Levi-**

**than.** One week earlier than any, two weeks earlier than most.  $\frac{1}{2}$  pt. 15c., pt. 25 cts., qt. 40 cts.

S. & W. Co.'s Green-seeded  
Pole Lima Beans**LIMA BEANS (Dwarf Bush)**

One quart will plant 100 feet of drill

Plant in light, rich soil, in drills two feet apart, dropping the seeds about one foot apart in the row and cover two inches.

**Fordhook.** "This bean is of the type of Dreer's Bush Lima, which it most nearly resembles. Its height is from 22 to 24 inches, and it bears its beans in clusters of two to five well out from the plant on long spikes. There are from three to five beans in each pod with an average of four. The beans are round and thick like those of Dreer's Bush and have the same mild delicious flavor. This Bean (like illustration) is far ahead of anything which anybody has known in Lima Beans up the present. Its productiveness is far ahead of Dreer's Bush,—is earlier by four or five days and is better all round." We have made extensive trials of this Bush Lima Bean in the past season on our Trial Grounds, and consider it the very best of all Bush Lima Beans, in productiveness, size, and the flavor cannot be equaled by any other Lima Bean.  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. \$2.75.

**Henderson's Bush Lima.** Early and very productive. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., pk. \$2.25.

**Burpee's Bush Lima.** A bush form of the large Pole Lima, the beans being large and flat like those of that variety. Productive and good. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25.

**Dreer's Bush Lima.** The bush form of Dreer's Improved Lima, the beans growing close together in the pods. Pkt. 10c., pt. 20 cts., qt. 35 cts., pk. \$2.25.

# DWARF, or BUSH BEANS

One quart will plant  
100 feet of drill

CULTURE.—About the first of May select a warm, dry, sheltered spot, dig and manure slightly, make drills 2 inches deep and 18 inches apart; place the beans 3 inches apart in the drills and cover about 2 inches deep; use the hoe frequently to keep down weeds. Sow every two weeks for succession.

## GREEN-PODDED

Packets of all varieties at 10 cents, postpaid

**Early Red Valentine.** This variety is valuable not only on account of its earliness, tenderness and good quality, but also on account of its heavy yielding qualities. The plants are unusually healthy and hardy, and it is one of the varieties most market and private gardeners plant early; one of the best of the early large-podded varieties. Pt. 20 cts., qt. 30 cts.,  $\frac{1}{2}$  pk. \$1.15, pk. \$2.

**Bountiful.** To this Bean belongs the distinction of being one of the best flat, green-podded Bush Beans, very prolific and a continuous bearer from early spring, as well as to late fall. It is absolutely stringless, tender and of delicious flavor. Pt. 20 cts., qt. 35 cts.,  $\frac{1}{2}$  pk. \$1.15, pk. \$2.25.

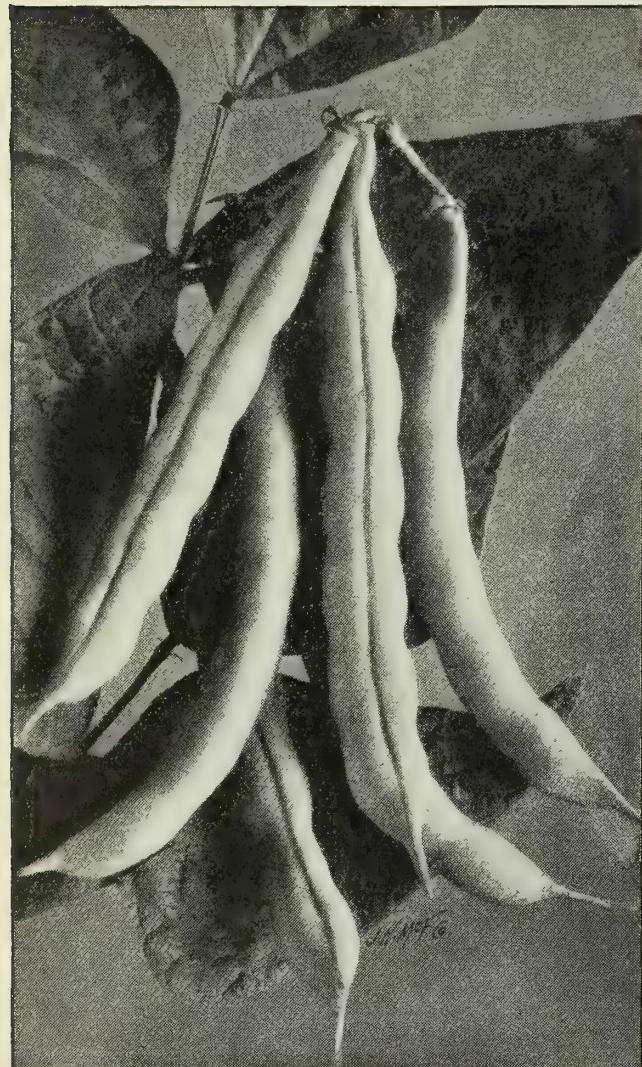
**Giant Stringless Green-pod.** An extremely large bean, very early, producing handsome pods, some of which measure 6 inches in length. This variety has been grown quite extensively by some of our most critical customers, who have sent us very favorable reports. Pt. 20 cts., qt. 35 cts.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.

The following varieties, packets or half-pints, 10 cents each, postpaid

**Black Valentine.** A very vigorous grower; large and of excellent form. A good market sort. Pt. 20 cts., qt. 35 cts.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.25.

**Burpee's Stringless.** A very excellent stringless green-podded bush Bean, as well as a very early variety. Pt. 20 cts., qt. 35 cts.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.25.

**Dwarf Horticultural.** A late and very productive variety. Stringless and of excellent flavor. Pt. 15 cts., qt. 30 cts.,  $\frac{1}{2}$  pk. \$1, pk. \$1.75.



Bountiful Beans



Giant Stringless Green-podded Beans

### Early Long Yellow Six-Weeks.

An early variety; flat and full pods. Pt. 20 cts., qt. 35 cts.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.25.

**Early Mohawk.** Early flat-podded variety of sturdy and hardy form; an excellent variety for early planting. Pt. 20 cts., qt. 30 cts.,  $\frac{1}{2}$  pk. \$1.10, pk. \$2.

**Full Measure.** Large, round pods, tender and stringless. A very good keeper and shipper. Pt. 20c., qt. 35c.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.25.

**Large White Kidney.** An excellent shell variety; fine for baking. Pt. 15 cts., qt. 30 cts.,  $\frac{1}{2}$  pk. \$1, pk. \$1.75.

**Longfellow.** Remarkably prolific variety; pods round, long and straight; fine flavor. Pt. 20 cts., qt. 35 cts.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.25.

**Refugee Extra-Early.** This sort has the qualities of the famous late variety; but is considerably earlier in podding. Pt. 15 cts., qt. 30 cts.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.25.

**Refugee Late (1,000 to 1).** Medium to late; very productive and tender; largely grown for main-crop. Pt. 15 cts., qt. 30 cts.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.25.

**Triumph of the Frames.** A good variety for forcing or early outdoor work. Produces a mass of pale green pods, tender and delicious. Pt. 25 cts., qt. 45 cts.,  $\frac{1}{2}$  pk. \$1.50, pk. \$2.75.

**French Forcing Dwarf Emerald.** Very dwarf variety, prolific; especially suited for frame culture. Pt. 40 cts., qt. 75 cts.,  $\frac{1}{2}$  pk. \$2.50, pk. \$4.50.

Our prices on Beans remain same as last year, notwithstanding crop conditions.

On Beans add 5 cts. per pint, and 10 cts. per quart, to cover postage. Our packages of Beans contain a full half-pint

## DWARF, or BUSH WAX-PODDED BEANS

One quart will plant  
100 feet of drill

**New Hodson Wax.** A distinct type of excellent quality, bearing enormous quantities of tender, fleshy pods of a creamy yellow color. The plant is vigorous, and comes into crop about two weeks later than the early sorts. The pods of this variety often measure 7 to 8 inches in length, and are remarkably free from spot or rust. Pt. 20 cts., qt. 35 cts.,  $\frac{1}{2}$  pk. \$1.20, pk. \$2.

**Pencil Pod Black Wax.** Extremely productive, magnificent straight pods, 6 to 7 inches long, light golden yellow in color; beautifully rounded; flesh brittle, solid and entirely stringless. One of the best varieties to grow for the private or market-gardener. Pt. 20 cts., qt. 30 cts.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.25.

**Improved Black Wax.** Perfectly round pods; very early and a good yielder. A Bean that is extensively grown and does not leave much to be desired in an early wax-podded variety. Pt. 20 cts., qt. 30 cts.,  $\frac{1}{2}$  pk. \$1, pk. \$1.75.

**Burpee's New Kidney Wax.** Entirely stringless, fleshy and of fine quality; flat podded. Pt. 20 cts., qt. 35 cts.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.25.

**English Broad Winsor.** The largest variety grown; very tender and delicious. Pt. 20 cts., qt. 40 cts.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.

**Flageolet Wax.** An improved variety of the Dwarf Flageolet Beans, unsurpassed in flavor. Pt. 20 cts., qt. 35 cts.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.

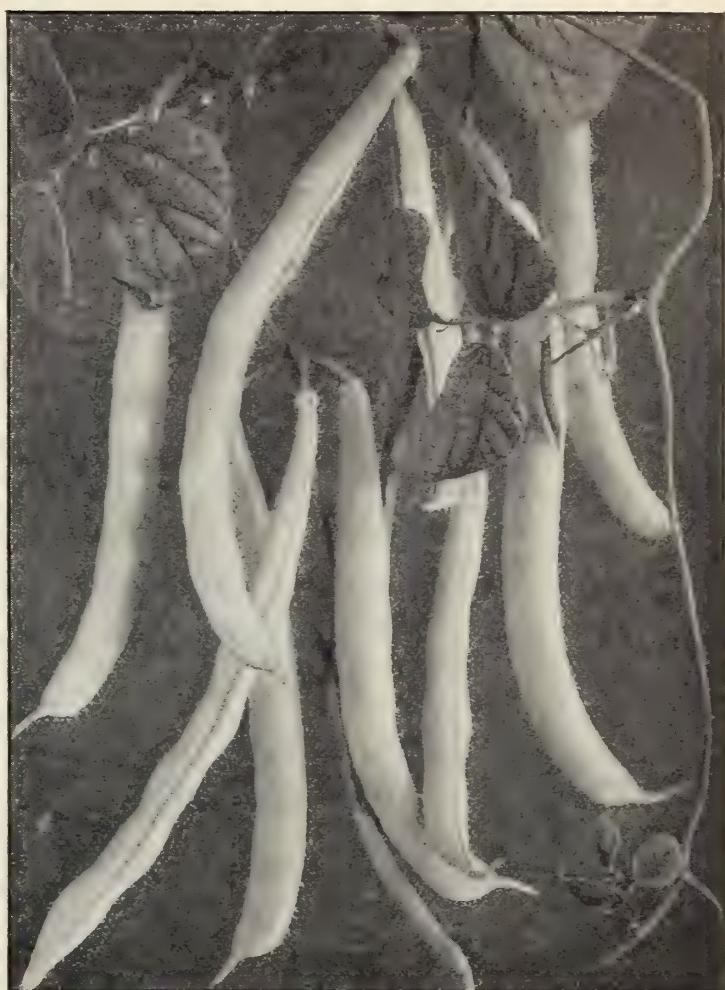
**Gilded-eyed Wax.** Rapid and vigorous in growth, yielding abundantly; flat pods. Pt. 20 cts., qt. 35 cts.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.

**Improved Golden Wax.** Very early; flat, golden pods. Pkt. 10 cts., pt. 20 cts., qt. 30 cts., pk. \$2.

**Valentine Wax.** It is handsome in appearance, and, while it is fair to say that we have not yet seen it exposed to conditions conducive to the development of rust, yet we think it will prove to be almost rustless. Pt. 20 cts., qt. 30 cts.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.

**Wardwell Kidney Wax.** Extra-early, long, flat, purely wax pods. Pkt. 10 cts., pt. 20 cts., qt. 30 cts., pk. \$2.

**White Wax.** Stringless yellow pods; very tender. Pkt. 10 cts., pt. 20 cts., qt. 30 cts., pk. \$2.



New Hodson Wax Bean



Pencil-Pod Black Wax Bean

## POLE, or RUNNING BEANS

One quart will  
plant 100 hills

### Wax- and Green-Pod Varieties

All packets contain half-pint, at 15 cents, postpaid

**Improved Kentucky Wonder. (Old Homestead.)** An improved sort of this well-known Bean. The pods are entirely stringless and of silvery green color, hanging in large clusters from top to the bottom of the pole. Pt. 25 cts., qt. 40 cts.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.25.

**Golden Champion.** This is certain to be the leading Early Wax Pole Bean, as it is fully two weeks earlier than Golden Cluster Wax. Pt. 25 cts., qt. 40 cts.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.25.

**Horticultural, or Spreckled Cranberry.** Pods are tender and of excellent quality; good as a snap as well as a shell Bean. Pt. 25c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.25.

**Lazy Wife's.** The best late green-podded pole Bean. The pods are of a medium dark green color, broad, thick, very fleshy and entirely stringless. Pt. 25 cts., qt. 35 cts.,  $\frac{1}{2}$  pk. \$1.15, pk. \$2.

**Scarlet Runner.** Bright scarlet flowers. Both used as a string and a shell Bean. Pt. 20 cts., qt. 30 cts.,  $\frac{1}{2}$  pk., \$1, pk. \$1.75.

**White Dutch Runner.** Beans large; flat pods. Pt. 25 cts., qt. 40 cts..  $\frac{1}{2}$  pk. \$1.25, pk. \$2.25.

A good rule to follow in selecting STUMPP & WALTER CO.'S STERLING SEEDS is to grow varieties listed in heavy type, and you will enjoy having the "Garden Bounteous," as well as the finest vegetables procurable.

## BEET

One ounce will sow 100 feet  
of drill, 5 to 6 pounds per acre

**CULTURE.**—Sow as soon as the ground is free from frost and dry, in the spring, in drills 2 inches deep and 18 inches apart; thin out to 6 inches. For family use, in winter, sow in July or August.

### S. & W. Co.'s Early Model Red Globe.

A distinct new table Beet of remarkably uniform shape, very deep colored flesh, and a fine, sweet flavor. In our tests, at our Brookside Trial Grounds, we found this a very desirable variety. Both skin and flesh are of an unusually deep, rich, blood-crimson color, retaining its color when cooked. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.

### Detroit Dark Red Turnip.

Extended experience has shown this variety to be the best deep red turnip Beet, not only for market-gardeners, but for the home garden. Its small, upright-growing tops, early maturing, and the splendid shape and color of the roots, make it popular with every one who plants it. Tops small, upright-growing, so that the rows may be close together; leaf-stems and vines dark red, blades green; roots globular or ovoid, peculiarly smooth; color of skin dark blood-red; flesh bright red, zoned with a lighter shade, very crisp, tender and sweet, and remaining so for a long time. We believe that the stock of this variety, which we offer, will produce a crop more uniform in shape, color and quality than any other Beet seed obtainable. Per pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

### Crosby's Egyptian.

An excellent first early variety—it produces roots of marketable size in shorter time than any other sort. This feature alone places it at the head of the list for growing in coldframes or greenhouses. In selecting this variety, we aim to keep it as uniform in shape and as dark in color as is possible without retarding its earliness. We also use great care to have its tops small, yet plenty large enough to bunch easily. After repeated comparative trials, we know that our type of Crosby's Egyptian Beet more nearly fills every requirement for the market-gardener's use than any other stock. Per pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.

**Bassano.** Early, flat, of very light color. Sweetest of all the turnip varieties. Per pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Crimson Globe.** One of the finest globe Beets; fine globular shape, deep crimson flesh; fine quality, tender and sweet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Eclipse.** Almost as early as the Egyptian, but of much finer quality. Per pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Extra-early Egyptian.** Earliest of all the round sorts. Deep blood color. Per pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Edmand's Blood Turnip.** Very regular in shape; deep blood-red color and exceedingly sweet. Per pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Half-long Blood.** The top is medium in size and of a very rich, glossy crimson. The bulb is 3 inches in diameter at shoulder, tapering in pear-shaped form to the slender root, and is entirely free from roughness. Per pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

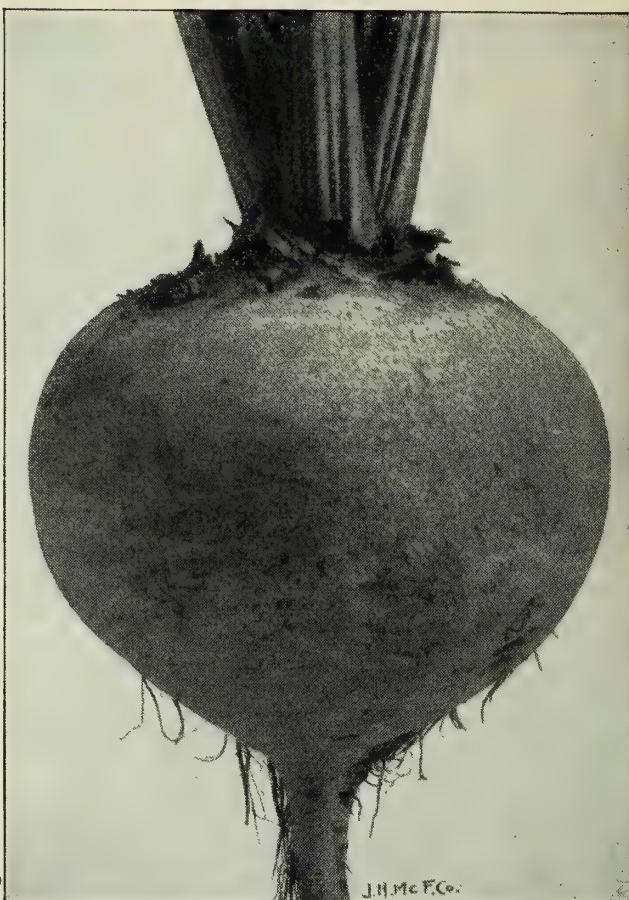
**New Dark-leaved Globe.** For description, see page 10. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

## SUGAR BEETS AND MANGELS

See Root Crops, page 39.



S. & W. Co.'s Favorite Brussels Sprouts



J.H. McF. Co.

S. & W. Co.'s Early Model Red Globe Beet

## BRUSSELS SPROUTS

One ounce will produce about 3,000 plants

**CULTURE.**—Sow in May, in shallow drills, 1 inch deep and 12 inches apart. Transplant in July. When the crown, or top, sprout is beginning to head, pinch it out, to admit of the whole strength being thrown into the side shoots. Very hardy. This is a delicious vegetable and should find a place in every garden; greatly improved by hard frosts.

**Improved Dwarf.** Compact heads of best quality. Per pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.

**S. & W. Co.'s Favorite.** New semi-dwarf, thickly covered with sprouts by the end of September; excellent. Per pkt. 10 cts.,  $\frac{1}{4}$  oz. 20 cts., oz. 35 cts.

## CRESS, OR PEPPER GRASS

One ounce will sow 150 feet of drill

**CULTURE.**—This popular salad should be sown early in the spring. Sow at short intervals for succession, as it soon runs to seed.

**Curled, or Pepper Grass.** Per pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 40 cts.

**True Erfurt Water Cress.** Per pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.

## CHERVIL

One ounce will sow 100 feet of drill

**CULTURE.**—The curled Chervil is cultivated like parsley and used for garnishing and flavoring soups and salads.

**Moss Curled Extra.** Per pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Turnip-rooted.** Per pkt. 10 cts., oz. 25 cts.

## CHICORY

**CULTURE.**—Chicory is used chiefly for its roots, which are dried and used as a substitute for coffee. Cultivate the same as carrots.

**Witloof.** Valuable as a salad as well as a vegetable. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**Wild (Barbe de capucin).** Per pkt. 10 cts., oz. 30 cts.

**Giant Silesian.** Per pkt. 5 cts., oz. 10 cts.

# CABBAGE

One ounce will produce  
about 3,000 plants

**CULTURE.**—Sow the early kinds in September, in shallow drills, 6 or 8 inches apart. When large enough to handle, transplant into a coldframe. Sow also in hotbeds in February and March, and in the open ground in April and May. The late varieties for fall and winter use sow in May, and transplant from the 8th to the 25th of July. Plant the early sorts 20 inches distant in a row and 2 feet between the rows; the later sorts 2½ feet each way. To be well grown, Cabbages require a deep, rich loamy soil. Our Cabbage seed is especially grown for us on Long Island, and we offer it as being of superior quality.

**S. & W. Co.'s Famous Early Conical.** An extremely early variety of conical form, quite distinct from any variety on the market. An ideal variety for private garden, producing solid hearts sooner than other varieties and requiring less space than most kinds. Pkt. 10 cts., ½ oz. 25 cts., oz. 40 cts., ¼ lb. \$1.50.

**Early Spring.** A new extra-early Cabbage, with a round, flat head, coming in with the Early Jersey Wakefield, and yielding one-third more on the same space of ground than any other extra early. Heads are of uniform size and are very solid when young. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.20.

**Improved Early Jersey Wakefield.** While this variety is not quite so early as S. & W. Co.'s Famous Early Conical, it has been long considered as the best early conical type Cabbage which we have. The heads are hard and solid with just a few outside leaves which are unusually thick, enabling them to stand cold weather when wintered in the coldframe. Pkt. 10 cts., oz. 30 cts., ¼ lb. 85 cts.

**Charleston, or Large Type Wakefield.** This type of Cabbage retains all the characteristics of the Improved Early Jersey Wakefield with the added advantage of greater size, and where large-size Cabbage is wanted in this type, either for market or private use. Pkt. 10 cts., oz. 35 cts., ¼ lb. \$1.

**Autumn King.** We believe this to be one of the finest strains of Cabbage ever offered. It produces regular, even heads of enormous size; a magnificent cropper. Pkt. 5 cts., oz. 30 cts., ¼ lb. 85c.

**Early Flat Dutch.** A valuable early market variety; heads weighing about 10 pounds. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

**Early Summer.** A superior second early variety; produces solid heads of fine quality. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

**Large Late Drumhead.** Very large, solid heads; standard variety for winter use. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

**Large Late Flat Dutch.** Without exception, the best variety in cultivation for winter use; produces immense heads of the finest quality; splendid keeper. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60c., lb. \$2.

## Red Cabbage

**Mammoth Rock Red.** This is by far the best, largest and surest heading red Cabbage ever introduced. The plant is large, with numerous spreading leaves. The head is large, round, very solid, and of a deep red color. The best Cabbage on the market. Pkt. 5 cts., oz. 30 cts., ¼ lb. 85 cts.

**Red Dutch.** Used almost exclusively for pickling. It is one of the hardiest of all cabbages, and when preserved will keep later in the season than any of them. It is slow to mature, however, and requires a rich soil for its perfect development. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.

## Savoy Cabbage

**American Drumhead Savoy.** None of the late-growing varieties can begin to equal in flavor this sort for family use; heads large, solid and a splendid keeper. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.25.

**Early Dwarf Ulm Savoy.** A very early and superior dwarf variety of fine quality. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts.



Famous Early Conical Cabbage



Selected Chantenay Carrot

## CARROT

One ounce will sow  
100 feet of drill

**CULTURE.**—To produce the finest crop, the land should be thoroughly manured the previous season; forked roots will result if the seed is sown on freshly manured soil. Sow the early sorts in March and April, in drills 1 inch deep and 14 inches apart; thin out to 6 inches. For main crop sow in May or beginning of June. Care should be taken, at all times, to see that soil is firm over the seeds, either by means of the feet, roller, or garden drill.

**Selected Chantenay.** A very splendid type of the half-long, stump-rooted Carrot. Averages 6 to 7 inches in length, broad at the neck, narrowing gradually to a blunt end. The flesh is rich orange-red, free from core, tender, fine flavored, and of excellent table quality. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Selected Danvers.** A handsome, cylindrical-shaped Carrot of good size and stump-rooted. It is of a rich, dark orange color, grows to large size, is smooth, and has little core. It is a first-class Carrot for all soils yields a greater weight per acre than any other variety, and is more easily harvested than the old long varieties. This selected stock we are now offering has been specially grown for market-gardeners and is sure to give satisfaction. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

### S. & W. Co.'s Improved Long Red Surrey.

A great improvement on the various types of Long Orange Carrot obtained by a careful selection, for successive years, of the best-formed and deepest-colored roots. It is larger, better-flavored, of a deeper orange color, and more certain to produce a crop than any type of long Carrot; flesh very sweet and tender; very productive, and never becomes hard or woody at the heart. The roots grow very regular and smooth; they are of good size, being from 6 to 8 inches in length and 2 inches in diameter at the top, tapering gradually from the shoulder to the tip of the roots. In color, shape or size, this is the ideal sort for a market-gardener's late crop. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Sutton's New Red Intermediate.** This excellent Carrot needs no recommendation. It is handsome in form, and as it is of fine color and texture, it is well suited for exhibition. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Early Scarlet Horn.** Favorite for early crop but not large. Sold largely in New York markets, bunched. It matures eight to ten

days earlier than the Long Orange, and is sometimes used for forcing. Per pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. 90 cts.

**Early French Forcing.** The earliest variety and the one largely grown for forcing purposes. It makes a small, almost globe-shaped root of an orange-red color. Per pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.20.

**Early Half-long Scarlet Nantes.** The skin is smooth, flesh red, and without any core or heart. It is excellent for forcing, and for fine quality and perfect shape can hardly be surpassed. Per pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**James' Intermediate.** This is certainly the best main crop Carrot. It is one of the most uniform in shape that we know, and where the soil is favorable, it will always grow clean and free from side roots. The core is small and very tender, and there is no indication of woody character at any stage of its growth. It is also entirely free from any coarse, rank flavor so common with many sorts. For private purposes it is ideal, and its yielding capacity is enormous, which, with its handsome color and fine appearance, makes it invaluable to truckers. Per pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Long Orange Improved.** One of the most desirable for either garden or field culture. Per pkt. 5 cts., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

**Oxheart, or Guerande.** A French variety of recent introduction and a decided acquisition. It is intermediate between Half-long and Horn varieties, and perfectly distinct. The shape is nearly oval and the color and quality all that can be desired. Per pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**Selected Long Orange Improved.** One of the most desirable for either garden or field culture; it grows to a large size, fair specimens averaging 12 inches in length and 3 inches in diameter at the top. All who have cattle should raise a surplus of this Carrot for feeding milch cows during winter. It increases the flow of milk and imparts to the butter a delicious flavor and a rich golden color. Per pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$1.50.



S. & W. Co.'s Best of All Cauliflower

## CAULIFLOWER

One ounce will produce  
about 3,000 plants

**CULTURE.**—Sow the first week in May and prick out on a rich piece of ground, transplant in July. For wintering under glass sow in the second and last weeks in September; transplant thickly into a cold pit or frame; give plenty of air in mild weather, and cover up well in very severe. Again sow in February in a hotbed and transplant in April. For Cauliflower the ground should be well prepared by trenching, incorporating at the same time a good share of rotten manure. Select new ground, if possible, as Cauliflower rarely succeeds on ground which has been cropped year after year with other kinds of vegetables. Plant in rows 20 inches apart and 2 feet between the rows.

**S. & W. Co.'s Best of All, Earliest of All.** Easiest grown, surest header. It is of very dwarf, erect habit, with short outer leaves. Can be planted less than two feet apart each way. It is a sure header, every plant forming a large, solid, perfect head, of the finest table quality. Pkt. 25 cts.,  $\frac{1}{4}$  oz. \$2, oz. \$7.

**Danish Dry Weather.** This new variety of Cauliflower is specially adapted for sections subject to long dry seasons, as it will grow well and produce the finest heads in spite of the lack of moisture, which is required by other sorts. The heads grow to a large size, are very solid, pure white and of delicious flavor. It will prove valuable for growing in the southern states, where the climate is hot and long seasons of dry weather are experienced. Pkt. 20 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Early Dwarf Erfurt.** Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1,  $\frac{1}{2}$  oz. \$1.75, oz. \$3.

**Early Paris.** An old and favorite sort, excellent for family use.

Pkt. 10 cts., oz. 75 cts.,  $\frac{1}{4}$  lb. \$2.

**Veitch's Autumn Giant.** Pkt. 10 cts., oz. \$2.

**Selected Extra-Early Dwarf Erfurt.** Pkt. 25 cts.,  $\frac{1}{4}$  oz. \$1.75,  $\frac{1}{2}$  oz. \$3, oz. \$5.50.

**Selected Early Snowball.** One of the best for general use; medium size, but sure to head. Pkt. 25 cts.,  $\frac{1}{4}$  oz. \$1.50, oz. \$4.50.

# CELERY

One ounce will produce 3,000 plants

**CULTURE.**—Sow the seed in a coldframe or dry border as early as the ground can be worked, in drills 8 to 10 inches apart, covering the seed  $\frac{1}{4}$  inch deep. When fairly out of the seed-leaf, they may be transplanted to another bed or thinned out to 5 or 6 inches apart, and let them grow until wanted for transplanting out into the beds or trenches. Early in July is the proper time to set out the plants in the trenches, or as soon after early July as possible; best results generally are obtained by setting out immediately after a rain. The trenches should be shallow, and wide enough to hold one or two rows. These rows should be 1 foot apart and the plants set about 8 inches apart in the row. As the plants grow, they should be earthed up to blanch them, care being taken not to let the earth get into the heart of the plant. For keeping over the winter, they can be either banked up with earth and covered over with litter to protect from frost where they have grown, placing boards on top to keep out the rain; or they may be taken up and blanched in a box in the cellar for winter use.

## BEST 4 CELERIES GROWN

### Paris Golden Self-Blanching.

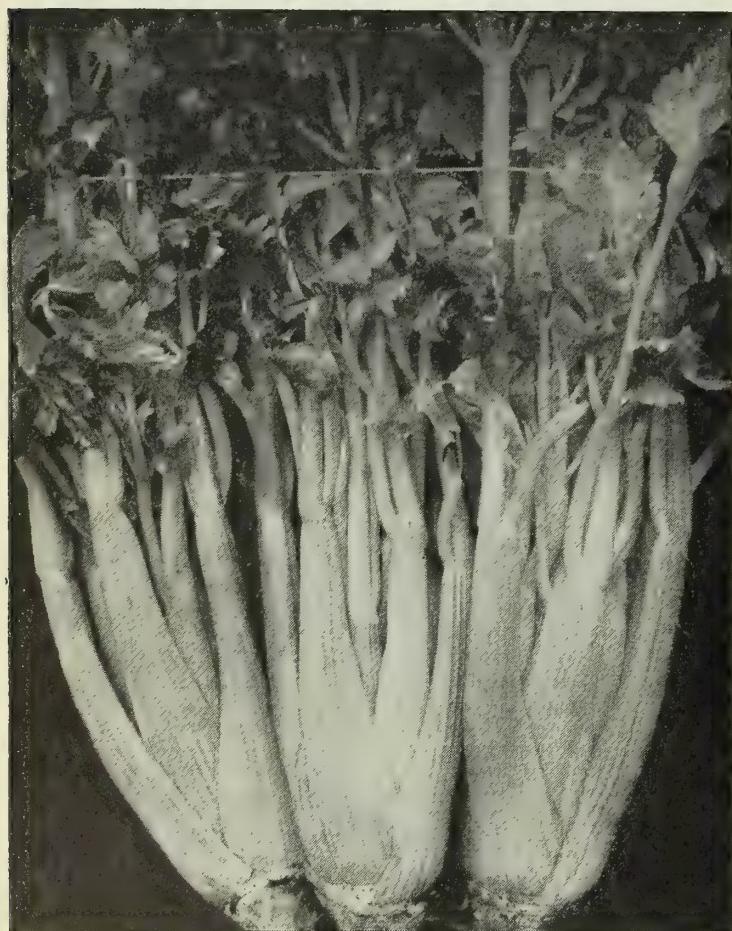
(Grown in France by the originator.) This strain of Celery somewhat resembles the White Plume variety, but is much superior. It is entirely free from the green type and does not grow soft or pithy as most strains of Self-Blanching do. Rich golden yellow, solid, and a splendid Celery for family or market-gardener's use. A very early variety and is acknowledged to be the best and most profitable Celery grown. Pkt. 20 cts.,  $\frac{1}{2}$  oz. 40 cts., oz. 75 cts.,  $\frac{1}{4}$  lb. \$2.75, lb. \$10.



Paris Golden Self-Blanching Celery

**Improved White Plume Celery** is the most popular, as it is not necessary to bank up as is the case with other Celeries. It is tender and of the very best flavor, also presents a very ornamental appearance on the table. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 20 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1, lb. \$3.50.

**Perfection Heartwell.** The finest and largest of the winter sorts, either for the family or market-garden. The heart is golden yellow, and its crisp tenderness and delicious flavor are unequalled. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.



Winter Queen Celery

**Winter Queen.** This is without doubt the most valuable variety of Celery for winter and spring use ever introduced, even excelling the celebrated Perfection Heartwell as a late winter keeper. It is also much stouter, thicker and heavier, with double the amount of heart of any known Celery. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful cream-white. Ribs perfectly solid, crisp and of a delicious nutty flavor. It is worthy of first place as a late Celery, and will keep longer than any other variety. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 20 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1, lb. \$3.50.

## General List of Standard Celeries

**Boston Market.** Dwarf, branching habit; solid, crisp; a favorite variety. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Crawford's Half-Dwarf.** Vigorous growth and excellent flavor. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.

**Fin de Siecle.** Very large, hardy, crisp and fine flavor. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.50.

**Giant Pascal.** A desirable long-keeping green winter Celery. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Golden Heart.** A highly recommended variety. Full golden heart. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.

**Kalamazoo.** Large-ribbed. A good, half-dwarf, white, solid Celery. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Pink Plume.** The same as White Plume, except stalks are tinged with pink. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**CELERY SEED.** For flavoring pickles, etc. Fresh and clean. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 90 cts.

## CELERIAC (Turnip-Rooted Celery)

**CULTURE.**—A variety of celery with turnip-shaped roots, which are white-fleshed, tender and possess the flavor of celery stalks. Sow the seed in the open ground in April and treat the young plants the same way as celery.

**Large Smooth Prague.** Very large and fine; roots of superior quality. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.

**Erfurt Giant.** Very large and smooth root. Pkt. 5 cts., oz. 20 cts.



Sweet Corn, Metropolitan

Half-pints, Corn, postpaid  
One quart will plant 200 hills

## SUGAR CORN

Add 5 cents per pint and 10 cents per quart, if wanted by mail

CULTURE.—Plant for succession of crops every three weeks, from April to July, in hills three feet apart each way, and six seeds in a hill; cover about half an inch; thin out to three plants.

### EXTRA-EARLY VARIETIES

**Golden Bantam.** One of the sweetest Corns grown; the plant attains a height of only 3 to 4 feet, usually bearing two or more ears to the stalk. The ears are compactly filled with kernels which when ready for the table are cream yellow. Golden Bantam is one of the hardiest Corns grown, therefore can be planted earlier with safety than other varieties. This characteristic also adapts it to localities having cool summer weather, a continuous supply being maintained by successive plantings.  $\frac{1}{2}$  pt. to cts., pt. 20 cts., qt. 35 cts., pk. \$2.25.

**Peep-O'Day.** One of the earliest of Sweet Corns. Grows about  $3\frac{1}{2}$  feet high. Bears nearly always two ears on a stalk, which measure about 5 inches in length and are well filled.  $\frac{1}{2}$  pt. 10 cts., pt. 20 cts., qt. 35 cts., pk. \$2.25.

**Howling Mob** Is ready for use only three to five days later than the extra-early Cory when both are planted at the same time, but the ears are much larger in size, while the grains are much whiter and sweeter. As an early variety of large size, we cannot too highly praise Howling Mob. Pkt. 10 cts., pt. 20 cts., qt. 30 cts., pk. \$2.25.

**Metropolitan.** It is safe to say that there never has been on the market any one variety of Corn that combined the essential features of earliness and good flavor in a satisfactory degree. In these important characteristics, Metropolitan certainly outclasses any other variety.  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. \$2.

**Extra-Early Evergreen.** Ten days earlier than the standard variety.  $\frac{1}{2}$  pt. 10 cts., pt. 15 cts., qt. 25 cts., pk. \$1.50.

**Minnesota.** One of the earliest; ears small, but of fine quality.  $\frac{1}{2}$  pt. 10 cts., pt. 15 cts., qt. 25 cts., pk. \$1.25.

**Cory Early (Red Cob).** The Cory is undoubtedly the earliest of all, and the very best extra-early Sweet Corn. Those desiring a first-early variety can make no mistake in planting the Cory.  $\frac{1}{2}$  pt. 10 cts., pt. 15 cts., qt. 25 cts., pk. \$1.25.

**Perry's Hybrid.** Very early; ears of large size; valuable for market purposes.  $\frac{1}{2}$  pt. 10 cts., pt. 15 cts., qt. 25 cts., pk. \$1.25.

**White Cob Cory.** An extremely early variety, usually fit to use in from fifty to sixty days from seed sowing. A sport or selection from the famous "Red Cob Cory" which for years held popular favor as the best first early. "White Cob" Cory retains all of the qualities of its parent, with the added merit of having a white cob and white kernels.  $\frac{1}{2}$  pt. 10 cts., pt. 20 cts., qt. 30 cts., pk. \$1.75.

### MEDIUM-EARLY VARIETIES

**Stowell's Evergreen.** Now recognized everywhere as a standard variety, both for home use and market, and is the general favorite. The ears are of large size, grains deep, exceptionally tender and sugary, and has the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all medium sorts.  $\frac{1}{2}$  pt. 10 cts., pt. 20 cts., qt. 30 cts., pk. \$2.

**Crosby's Early Sugar.** Standard early sort; ears good size; fine quality.  $\frac{1}{2}$  pt. 10 cts., pt. 15 cts., qt. 25 cts., pk. \$1.25.

**Early Mammoth.** Very large and tender; similar to the Standard Mammoth variety, but much earlier.  $\frac{1}{2}$  pt. 10 cts., pt. 15 cts., qt. 25 cts., pk. \$1.50.

### LATE VARIETIES

**Black Mexican.** Very sweet and of fine flavor; grains black.  $\frac{1}{2}$  pt. 10 cts., pt. 15 cts., qt. 25 cts., pk. \$1.50.

**Late Mammoth.** Immense ears and very sweet.  $\frac{1}{2}$  pt. 10 cts., pt. 15 cts., qt. 25 cts., pk. \$1.50.

**Country Gentleman.** The Country Gentleman Corn retains its delicate tenderness and flavor even when a little old, as the ears are encased in a heavy husk, which tends to keep the ear "in the milk" for several days longer than other corns. The cob is unusually small and the pearly white kernels of great depth.  $\frac{1}{2}$  pt. 10 cts., pt. 20 cts., qt. 40 cts., pk. \$2.

# CUCUMBER

One ounce will plant  
about 50 hills

**CULTURAL DIRECTIONS.**—The first planting should be made early in May, on partly spent hotbeds; inverted sods form an excellent medium for both planting on and carrying the young plants to their permanent location, or small paper pots can be used. Such plantings are usually ready for transplanting to the open ground in from three to four weeks, and are seldom troubled with the striped bug. Transplanting, when practical, should be done in the evening, into hills 4 feet apart each way. Thin out to about four plants to a hill when established. The seed may be planted in hills late in May, thus giving a succession. For pickles, plant during the last two weeks of June. Plaster dust, or an infusion of hellebore powder in water, will destroy the striped bug.

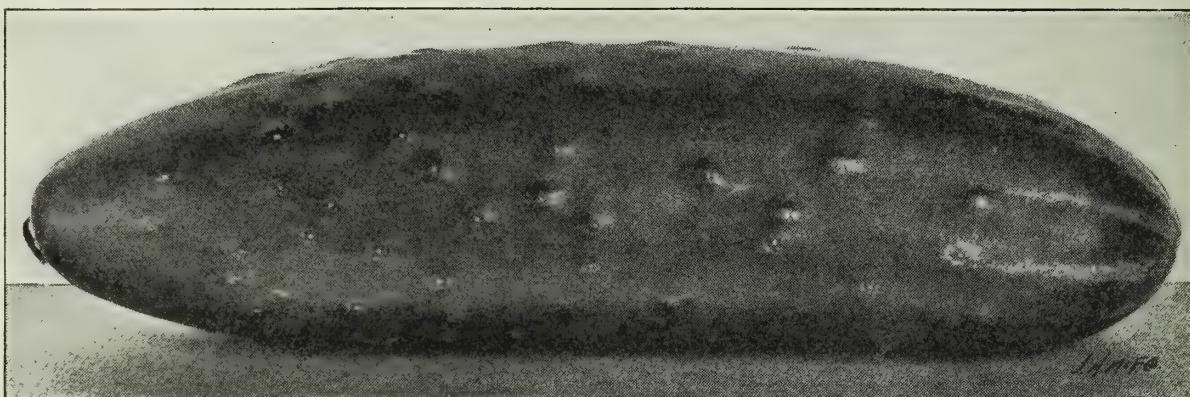
**New Klondyke.** This is a hybrid sort of the White Spine type, which holds its dark green color longer than most other sorts. Averages 6 to 7 inches in size; ends are quite square and it is about 2 inches thick. Its extreme earliness, combined with its prolific and hardy qualities, makes it a very desirable variety for either market or private use. An excellent sort for slicing. When small, this variety is also an excellent pickling sort. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Fordhook Pickling.** One of the best and most prolific varieties for producing pickles of medium size for both home or market use. Vines are very vigorous, yielding a large number of fruits; remaining in strong, healthy, growing condition longer than any other known variety. The skin is very tender and remains so when pickled. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Emerald.** The Emerald Cucumber is a remarkable new sort, possessing that rich, dark green color which has been so long desired. As a slicer, the flesh is particularly crisp and tender, and the flavor most pleasing. The young fruit, being dark green, straight and tender, makes an excellent pickle. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Arlington White Spine.** A fine strain of the well-known White Spine, excellent for slicing. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Cumberland.** The best pickling sort yet introduced, being very handsome and productive, with flesh firm, but very crisp and tender. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.



New Klondyke Cucumber

**Cool and Crisp.** An excellent pickling or slicing Cucumber of good size and exceeding tender and crisp. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Early Green Cluster.** Fruit small; very prolific. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Extra Long Green.** Very long; most excellent quality, and one of the best for family use. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Green Prolific.** The best variety for pickling; deep, rich green, very productive and of uniform small size. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Improved Early White Spine.** Standard market variety; of medium size, deep green, flesh crisp and of good flavor. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Japanese Climbing.** Well adapted for pickling, as well as for slicing for salads. The great advantage lies in the fact that it can be trained on a pole or fence. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**New Everbearing.** Small sized; very early and enormously productive. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

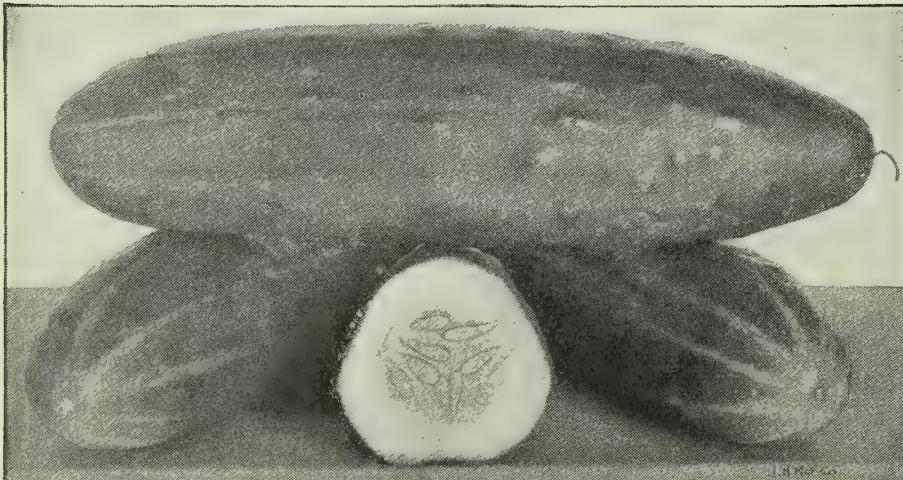
**White Wonder.** The best white sort; it ripens early and is very productive. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**New Davis Perfect.** This variety should be included in your list. For description see page 11.

## English Forcing Varieties

**S. & W. Co.'s Improved Telegraph.** A very dark green type of Telegraph Cucumber, which we have found, from our trials, to be superior of all other Telegraph varieties. Pkt. 25 cts.

**Royal Osborne.** Very prolific and of deep, rich green color. Pkt. 25 cts.



Cool and Crisp Cucumbers

**Carter's Model.** A very handsome variety, of fine form, with general characteristics of Tender and True, with the prolific habit and strong constitution of the Telegraph. Pkt. 25 cts.

**Lord Kenyon's Favorite.** A very fine variety. Pkt. 25 cts.

## CORN SALAD

One ounce will sow  
150 feet of drill

**CULTURE.**—Sow early in the spring, in drills, 1 inch deep and 10 inches apart. For main crop sow in August and September.

**Large-seeded.** Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. 60 cts.

## DANDELION

One ounce will sow  
about 100 feet of drill

**CULTURE.**—Sow in May, in drills 10 inches apart; thin out to 3 inches apart; cultivate during the season, and in the following spring the plants will be fit for use.

**French Garden.** Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

## GARLIC

One pound will plant  
200 feet of drill

**CULTURE.**—Garlic is used for a variety of flavoring purposes. Plant the sets 6 inches apart in rows 1 foot apart. As soon as the leaves have turned, the crop is matured, and may be harvested like the onion.

**Garlic Sets.** Lb. 30 cts.

OUR ENGLISH FORCING CUCUMBER SEED IS SELECTED FROM BEST CUCUMBERS

## EGGPLANT

One ounce will produce about 1,000 plants

**CULTURE.**—Sow in a hotbed in February and March; when the plants are 1 and 2 inches high, transplant, or thin out, to 2 or 3 inches apart. When the weather is warm and settled, they may be planted out in a warm situation, 2 feet apart each way.

**Black Beauty.** Very much on the style of New York, only darker and smoother. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts., oz. 45 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Black Pekin.** Produces very handsome jet-black fruit of superior quality. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**New York Improved Spineless.** Extensively cultivated for both market and family use; it grows to a large size; very prolific and fine flavored. Pkt. 5 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.

## ENDIVE

One ounce will sow  
200 feet of drill

**CULTURE.**—One of the most attractive of all autumn and winter salads. It is commonly known in restaurants as Chicorée, and is especially refreshing when served with lettuce with plain French dressing. Sow seed from middle of June till last of August. When the plants are fully grown, tie all the outside leaves together, over the heart, to blanch the inner leaves, which will take about a week. Do not tie up when the leaves are wet, as they will then decay.

**Green Curled.** Very ornamental curled dark green leaves, which blanch white and crisp. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Broad-leaved** (Escarolle). Produces heads of broad, thick leaves; blanches easily. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**White Curled.** For early use. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**French Moss Curled.** An exceedingly crisp, tender and highly flavored salad. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 15 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

## KALE

One ounce will produce  
about 300 plants

**CULTURE.**—Sow in May in shallow drills, 10 or 12 inches apart; when large enough, transplant singly in rows 24 inches apart each way.

**Dwarf Green Curled Scotch.** Very dwarf and spreading; one of the best. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Siberian Kale, or Sprouts.** Should be sown in September and treated like spinach; it is fit to cut early in spring. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Dwarf Brown Kale.** A beautiful curled variety, with spreading foliage; very hardy and of fine flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

## MARTYNIA

The seed-pods are used for pickling, when gathered young and tender. Sow in open ground in May, in hills 3 feet apart each way, or in a hotbed and afterwards transplant.

**Martynia Proboscides.** Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 85 cts.



Black Beauty Eggplant

## KOHLRABI

One ounce will sow about 200 feet of drill

**CULTURE.**—This is a very delicious vegetable, and is increasing in popularity rapidly; combines the good qualities of the turnip and cabbage, but excels both in nutritive and productive qualities. Cook the same as turnips; they will be found very tender and palatable. Sow in spring in rows 18 inches apart, afterward thin away the plants to 8 inches.

**Early White Vienna.** The earliest and best for either market or family use. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Early Purple Vienna.** Similar to the preceding, except in color, which is of a bluish purple. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 85 cts., lb. \$3.

**Earliest Selected** (for frames). A variety with few and small leaves; can be planted very closely; very useful for general culture and indispensable for forcing. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.25.

## LEEK

One ounce will sow  
about 100 feet of drill

**CULTURE.**—Sow the seed very early in a seedbed in a sheltered place, if possible. When plants are about 6 inches long transplant them to trenches 6 inches deep, with very rich soil at the bottom. Fill up the trenches as the plants grow, and later draw soil up to them. As a result, you will have fine, large Leeks blanched half a foot long, which may be kept all winter if dug up with the roots on and stored in moist sand in the cellar.

**S. & W. Co.'s Giant.** A very attractive variety; stems pure white and of fine flavor. A great exhibition variety. Pkt. 10 cts., oz. 30 cts., lb. \$1.

**Large Carentan.** (Winter.) A very hardy variety of extra-large size; the leaves are fan-shaped, of a dark green color, the edible stem is 6 to 8 inches long and 3 inches in diameter. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.

**Large American Flag.** The largest and most desirable, either for market or family use. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Large Rouen.** Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

## MUSTARD

One ounce will sow  
75 feet of drill

**CULTURE.**—As an ingredient, the green Mustard imparts a delightfully pungent flavor to the various forms of prepared salads. For early crops the seed may be sown in a hotbed, in March, and for general crop at frequent intervals through the spring, in drills from 8 to 12 inches apart.

**White London.** The best variety for salads; the seed is used also medicinally and as a seasoning for pickles. Oz. 5 cts.,  $\frac{1}{4}$  lb. 10 cts., lb. 25 cts.

**Black, or Brown.** An esteemed sort for culinary use. Oz. 5 cts.,  $\frac{1}{4}$  lb. 10 cts., lb. 25c.

**Giant Southern Curled.** Very large leaves. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**New Chinese.** Leaves twice the size of the ordinary white Mustard; stems more succulent, of deeper green; flavor pleasantly sweet and pungent. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.



S. & W. Co.'s Giant Leek

Don't fail to include in your order  
our *New Dark-leaved Globe Beet*, see  
page 10.

Our selected stock of *Early White Albino Potato* is unapproachable, see  
page 12.

# LETTUCE

One ounce will sow  
150 feet of drill

**CULTURE.**—Sow early in spring in a hotbed; transplant in April for summer use. Again, sow from April at intervals in the open ground, and for winter and spring use, in August and September. Protect by means of a coldframe during winter. When sown for cutting, the seed may be put in rather thick, in rows or broadcast; but to have finer heads, it should be sown thinly in rows, and transplanted a foot apart into rich soil.

**Early Dumont.** This Lettuce is undoubtedly one of the best early varieties for planting in the open ground. It is rapid in development, tender, large size, outer leaves well folded in. The heads are of a clear light green, the outer leaves slightly tinged brown and the heart clear yellow; delicately flavored. A capital variety for either the private or market-gardener. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Golden Queen.** A very fine early head Lettuce for either open ground or frame culture. This Lettuce is of medium size, solid, golden yellow heads, crisp and tender. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Big Boston.** This well-known Lettuce continues to gain in popularity. Is extensively grown for summer or fall use or in frames for spring and early summer, and is also intensively forced in greenhouses for winter use, invariably giving good satisfaction. Large heads, crisp and tender, stands the sun remarkably well and an excellent variety for the gentleman's garden. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Hittinger's Belmont Forcing.** An improvement on the Boston Market; larger in size; crisp and tender quality and one that will give satisfaction. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Grand Rapids Forcing.** An excellent loose-headed variety of superior table quality. Adapted to open air culture or forcing in frames or greenhouses. The leaves are finely cut and of a beautiful pale green. Plants may be set quite closely together, making this a very valuable variety where the greatest amount of Lettuce is wanted on the least amount of space. Large heads and of delicate flavor. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Trianon Self-Closing Cos.** One of the finest and largest of the Self-Closing Cos Lettuces. An excellent sort for the garden, standing hot weather very well; the heart is a beautiful creamy white, deliciously flavored. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**American Gathering.** Twisted and curled leaves; fine for early or late sowing. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**Blonde Blockhead, or Sunset.** This is a large-growing head Lettuce, resisting the heat for a long time before running to seed. The heads are large, solid and crisp, of a golden yellow color. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Black-Seeded Simpson.** Nearly double the size of the ordinary Curled Simpson; stands the summer well. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**Boston Market.** Solid, crisp and compact; one of the best for forcing. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Curled Simpson.** An old standard variety, very early and tender. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**Express Cos.** A fine new dwarf variety. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Eclipse Cos.** Excellent variety for frames. Pkt. 15 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.

**Denver Market.** The heads are large, solid, light green, beautifully curled like a Savoy cabbage, very crisp and tender. The heads are a little after the style of the Hanson, but more oblong. Delicate, tender and very superior. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**Golden Stone Head.** Produces heads of medium size, of the best quality, as a forcing variety it is unequalled. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Glasshouse.** Excellent variety for forcing under glass. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 85 cts., lb. \$3.

**Hubbard Market.** A large white cabbage variety, valuable for forcing or the open ground. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Hanson Improved.** Very large and solid; withstands the hot sun well. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.35.

**Improved Deacon.** Large, solid summer cabbage; variegated. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**Immensity.** The largest head Lettuce, best for late summer and fall use. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 90 cts., lb. \$3.

**Mammoth Black-Seeded Butter Lettuce.** A large head Lettuce of splendid quality; much lighter in color than the Big Boston. For early or late crop it has no equal; splendid market sort. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**New York.** This variety blanches itself naturally, is crisp, tender, and of excellent flavor, and always free from bitterness. The outside color is distinct, being a clear, deep apple green, while on the inside the color is yellowish white. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

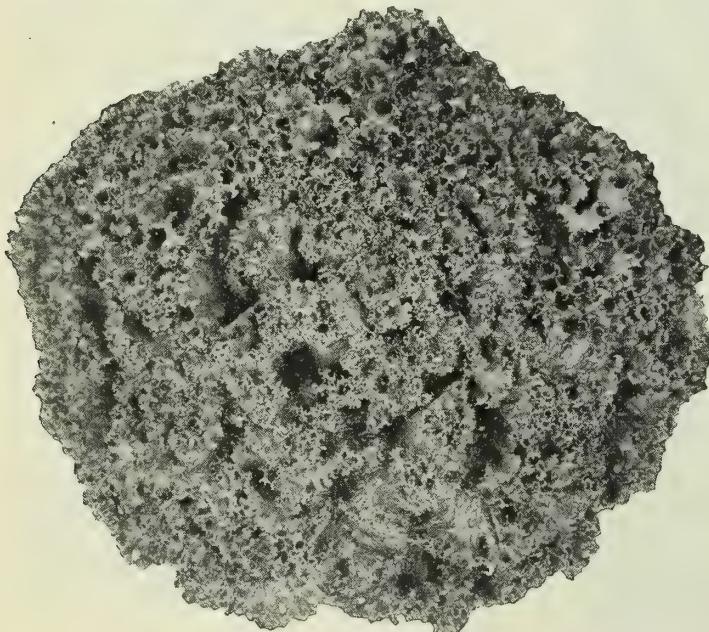
**Romaine White Cos.** It is of upright growth and possesses a distinct crisp and very refreshing taste. Pkt. 5 cts., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Salamander Perfected.** An excellent summer variety, forming large-sized heads that stand the heat without injury longer than any other sort. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

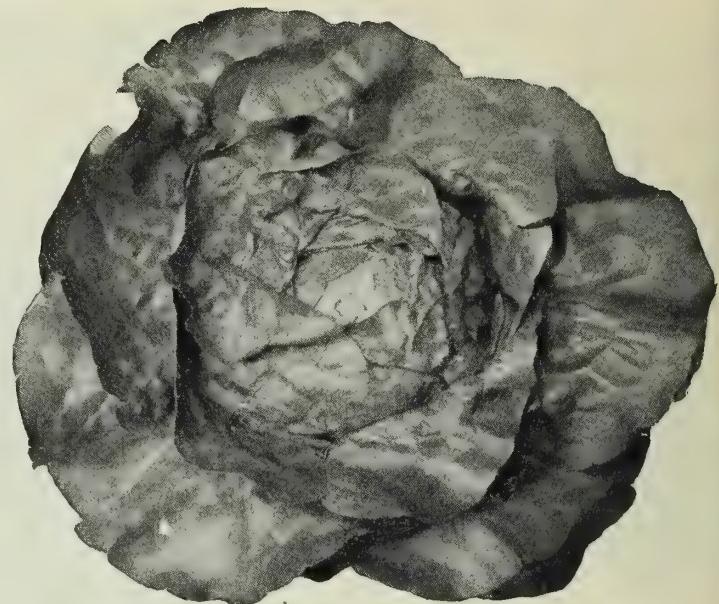
**Trianon Self-Closing Cos.** The finest of all the Cos sorts. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

## WE DELIVER FREE

all Vegetable and Flower Seed ordered by packet, ounce, two ounces, quarter-pound, pound, and all Summer-flowering Bulbs at dozen rates, to your express office, postoffice, or railroad station anywhere in the United States.



Grand Rapids Forcing Lettuce



Early Dumont Lettuce



Selected Burrell's Gem Muskmelons

## MUSKMELON

One ounce will sow  
about 80 hills

**CULTURE.**—Sow the seed in April under hand glasses, and in the open air in May in hills six feet apart each way. Plant in each hill from 8 to 10 seeds, covering half an inch deep. When the plants have produced their rough leaves, thin out to three plants. The hills should be prepared by trenching-in rotten manure and sand. As soon as the plants make their appearance above ground, dust them with soot, charcoal dust or wood ashes, to prevent the ravages of the bug.

**Selected Burrell's Gem.** This Melon averages six to seven inches in length and 4 to 5 inches in diameter; sloping at the ends. Skin dark green, flesh beautiful dark salmon, ripening close to skin, making the rind very thin. Very desirable. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.50.

**Selected Emerald Gem.** The skin is a rich deep green, smooth, flesh salmon-color and of delicious flavor. A very early and prolific variety and one that is very extensively grown for family use. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

### S. & W. Co.'s Selected Stock, Rocky Ford.

This famous variety is the finest early green-fleshed Melon in cultivation. The fruits are remarkably uniform in size, weighing from one and a quarter to one and a half pounds each. They are quite thick meated, with very thin rinds; skin light green, regularly ribbed and heavily netted, turning to a golden yellow as the Melon ripens. Flesh light green in color, firm but melting, of uniformly fine flavor. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.

**Delmonico.** Oval, deeply netted, large size, orange flesh. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.20.

**Extra-Early Hackensack.** Large, round and of fine quality; a standard variety. Pkt. 5 cts., oz. 10 cts.

**Jenny Lind.** Small, but very early; green flesh. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts.

**Long Island Beauty.** On style of Hackensack, but earlier and finer in quantity, and the most beautiful Muskmelon. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.25.

**Long Yellow Cantaloupe.** Standard sort, yellow flesh. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts.

**Nutmeg.** Named from its shape; green flesh, fine flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts.

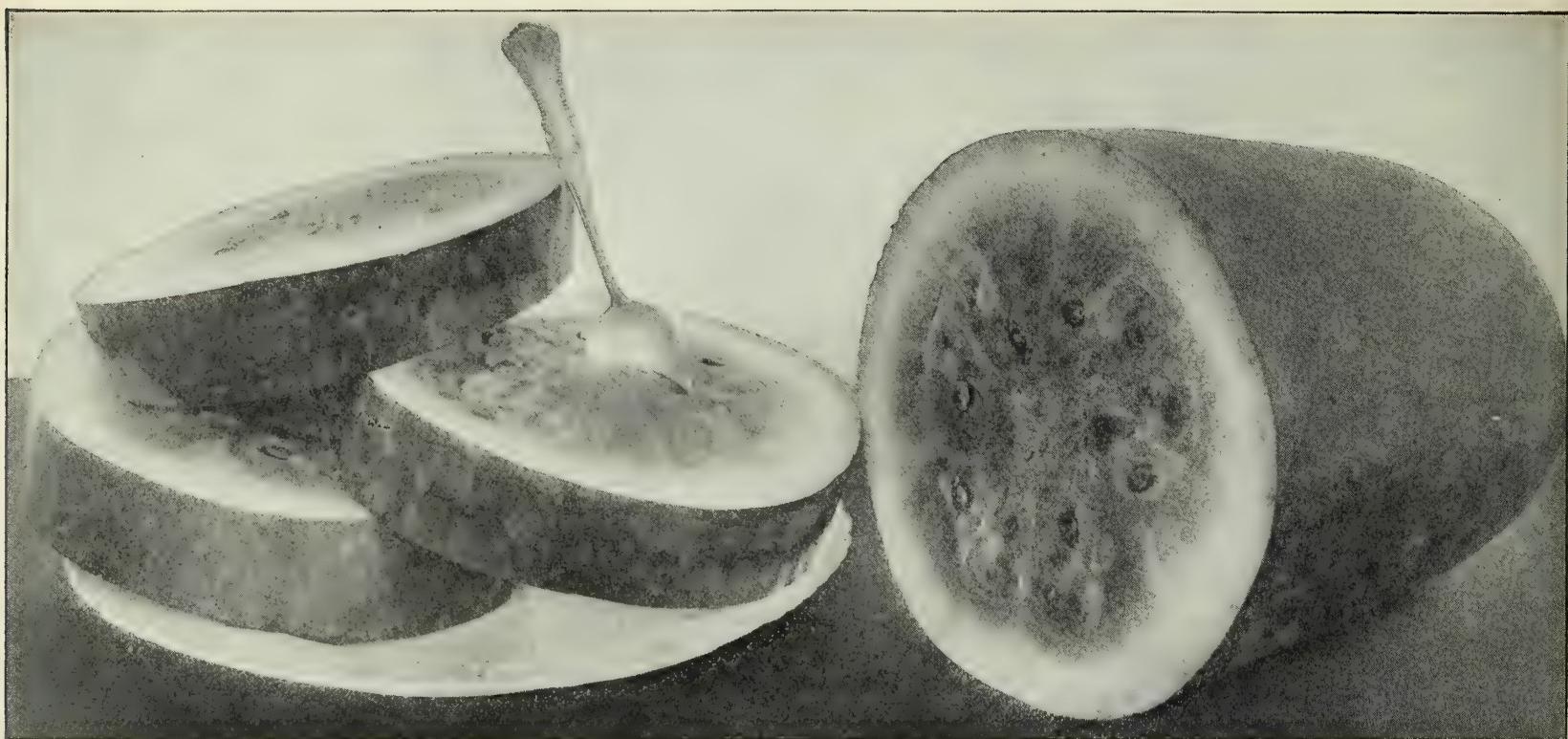
**Paul Rose.** This new red-fleshed Melon is exceedingly sweet and highly flavored, and in it are combined all the good qualities of the Netted Gem and Osage, the varieties from which it originated. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Selected Emerald Gem.** Small, extra-early, smooth ribbed, dark green skin and orange flesh. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Tip Top Melon.** The most productive Melon known; good for early or late, having a sweet, juicy fine flavor; solid flesh (but not hard) and eatable to the outside coating. The fruit is of large size, nearly round, evenly ribbed and moderately netted. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

### English Frame Varieties (Imported Seed)

	Pkt.
Sutton's Invincible Scarlet Flesh.....	\$0 25
Blenheim Orange.....	25
Eastnor Castle Green Flesh.....	25
Sutton's Perfection Pale Green Flesh.....	25
British Queen .....	25



Kleckley Sweets Watermelon

## WATERMELON

One ounce will plant  
about 50 hills

CULTURE.—Treat the same as muskmelon, except that they should be planted 8 or 10 feet apart, according to variety.

**Coles's Early.** A most delicious and productive variety for the family garden, succeeding in northern states, where melons were never matured before. The flesh is of a beautiful bright red color, crisp and extremely delicate in texture—that granulated, cool, sparkling appearance that is so captivating to the eye; in flavor it is lusciously sweet and refreshing, no pithiness or stringiness. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**Kleckley Sweets.** The sweetest of all the Watermelons. Fine flavored and grained; tender meat. Fruits are large size; rind very thin and green; very brittle; flesh scarlet and firm, and a variety everyone should grow. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.50.

**Black Spanish.** A sweet and delicious variety; fruit round, of large size; skin blackish green; scarlet flesh. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Citron.** Round and handsome; used for preserves. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Florida Favorite.** A superb strain; improvement on Rattlesnake; intermediate. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Hungarian Honey.** Fresh, brilliant red, very small seeds; well adapted for northern localities. Pkt. 5c., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Kolb's Gem.** Largely grown in the South for shipment to northern markets; it has no equal as a shipping melon; the fruit is nearly round; rind dark green, somewhat marbled with lighter shades. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Mammoth Ironclad.** A large size; flesh deep red and of rich flavor, holding its fine quality very close to the skin. For shipping and keeping it is unsurpassed. Pkt. 5c., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

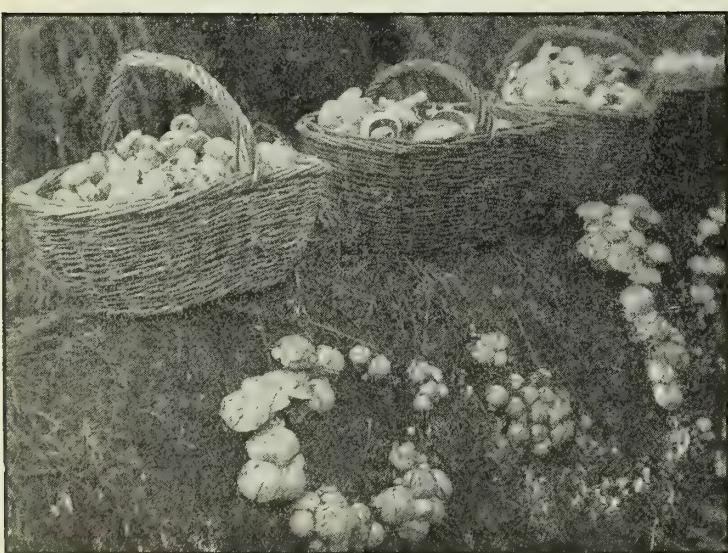
**Mountain Sweet.** An old and reliable sort; red flesh; late. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Pride of Georgia.** Round, large, crisp; bright red flesh; intermediate. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Sweetheart.** A perfected form of the old Ice Cream, possessing all of its good qualities and producing fruit much larger and handsomer in appearance and of most delicious flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**The Boss.** Oblong in shape; dark green skin; flesh deep scarlet; early, heavy, productive and good shipper. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**White-seeded Ice Cream.** Very early; red flesh. Oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.



Bed of S. & Co.'s Pure Culture Mushroom Spawn

## MUSHROOM SPAWN

Ten pounds will spawn 10 feet square

CULTURE.—Mushrooms are easily grown, with a little care and attention, under a square shed, portion of a cellar, or any dark, dry place. Collect a quantity of fresh horse droppings, throw them into a heap, leaving it until it commences to ferment, then turn it over and mix it up well, and place it where you intend to make the bed, spread it regularly about 18 inches thick, tread firmly and level the bed. Leave this to heat for a few days and as soon as the heat drops to 90 degrees make holes in the bed, about a foot apart each way, into which put pieces of the spawn about the size of an egg, fill up the holes with the compost. Beat the surface level, afterward keep it dry, and the Mushrooms will make their appearance in about five or six weeks. When the first crop has been taken, give the bed a good watering leaving it as before, when they again will make their appearance. Beds can be made at any time of the year, and as one declines another should be made, to keep a constant supply. The spawn should be kept in a cool, dry place. When gathering, remove the stalks; do not cut them or they will rot and breed maggots. Per brick 10 bricks 25 bricks 100 bricks

<b>Best English Spawn.....</b>	\$0 20	\$1 80	\$3 75	\$12 00
<b>American Pure Culture.....</b>	30	2 40	5 00	15 00

Mushrooms: How to Grow Them, by Wm. Falconer, \$1, postpaid

# ONIONS

One ounce for 100 feet of drill  
5 to 6 pounds to the acre

**CULTURE.**—Sow in rich, sandy soil, in drills 1 foot apart, as early as possible in the spring, cover with fine soil and firm well, either with roller or back of spade. When plants are strong enough thin out to 3 or 4 inches. The finest Onions are produced by sowing the seed in a hotbed early in February and transplanting seedlings to the open ground 6 inches apart.

**Ailsa Craig.** **English Grown.** This variety continues to rank among the exhibition sorts, being second to none. Flesh pale yellow, excellent form, often weighing three pounds. The Onions in the illustration below were grown from our seed and weighed slightly over three pounds. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 15 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Large Red Wethersfield.** This is the standard red variety, and a favorite Onion in the East, where immense crops are grown for shipment. Bulb large, somewhat flattened, oval shape; skin deep purple-red; flesh purplish white, moderately fine grained and stronger flavored than any of the other kinds. Very productive, the best keeper, and one of the most popular for general cultivation. It is more inclined to form large necks if planted on unsuitable soil than the Danvers, but is the best variety on poor or dry soil. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

## THREE ENGLISH VARIETIES

**Carter's Record.** Increased in favor each season, and is an exceptionally large-growing variety. Pkt. 25 cts., 5 pkts. \$1.

**Excelsior.** One of the finest Onions in cultivation for show purposes or general crop. No other variety can approach it for great size, fine quality and splendid globe shape. Pkt. 25 cts., oz. 75 cts.,  $\frac{1}{4}$  lb. \$2.

**Nutting's Golden Ball.** The finest globe Onion in cultivation; a very heavy cropper, growing to a large size, with small neck and bulb a beautiful globe shape. It is an excellent keeper and a capital variety for exhibition. Pkt. 25 cts., oz. 75 cts.,  $\frac{1}{4}$  lb. \$2.

## Standard Varieties

**Prizetaker.** Grows uniform in shape; is of immense size, measuring from 12 to 16 inches in circumference, while under special cultivation specimen bulbs have been raised to weigh from four to six pounds each; its pure white flesh is fine-grained, mild and delicate in flavor. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

## STANDARD VARIETIES, continued

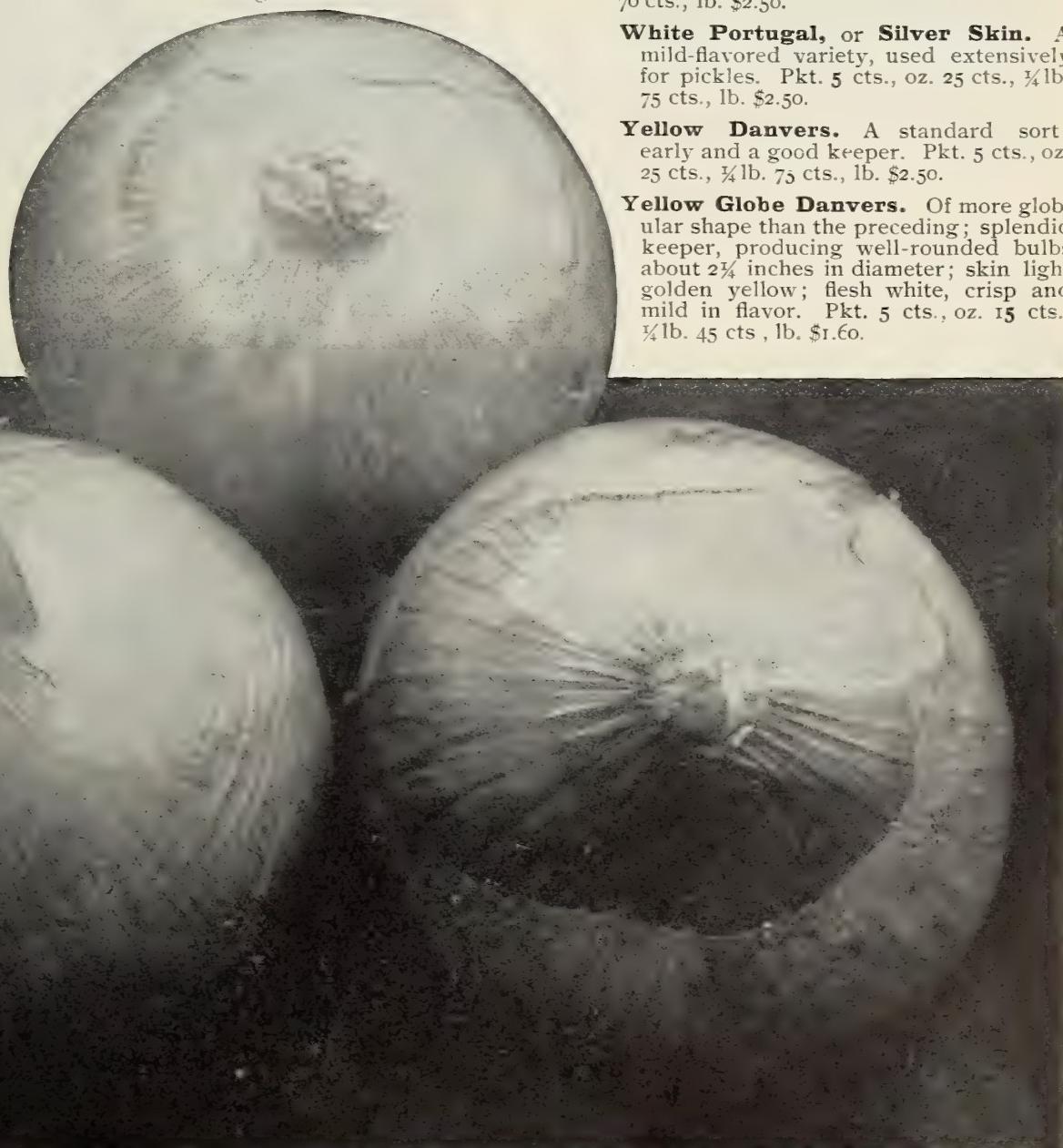
**The Australian Brown** is of medium size, wonderfully hard and solid, extremely early in ripening, and never makes any stiff-necked or scallions. Planted with the Red Wethersfield, it proved to be nearly four weeks earlier and ripened off more uniformly. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**White Pickling.** When matured, the tops die down, leaving beautiful and perfect little bulbs. The color is pure white, flavor mild and delicate, perfectly adapted for pickling and table use; and makes a pretty bunch Onion, especially if grown by the transplanting method. A valuable variety. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 70 cts., lb. \$2.50.

**White Portugal, or Silver Skin.** A mild-flavored variety, used extensively for pickles. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Yellow Danvers.** A standard sort; early and a good keeper. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Yellow Globe Danvers.** Of more globular shape than the preceding; splendid keeper, producing well-rounded bulbs about  $2\frac{1}{4}$  inches in diameter; skin light golden yellow; flesh white, crisp and mild in flavor. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.60.



Ailsa Craig Onions

# ONIONS

One ounce for 100 feet of drill,  
five to six pounds for one acre

## S. & W. Co.'s Perfect Globe-Shaped

**S. & W. Co.'s Southport White Globe.** Yields abundantly, producing handsome and uniformly globe-shaped bulbs. The flesh is firm, fine-grained and of mild flavor. To produce the beautifully white Onions, so much sought in every market, one must, first of all, have good seed. Second, grow them well on rich land. Third, exercise great care in harvesting and curing the crop. In Southport, they "cord" up the Onions in long rows, the bulbs on the inside, and cover with boards so that the bulbs in the open air are well protected from rain or dew, which would be sure to discolor them. We have, by years of careful selection and breeding, developed a strain which has no equal in uniformity and beauty of shape and color. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 80 cts., lb. \$3, 5 lbs. \$14.

**S. & W. Co.'s Southport Yellow Globe.** This is probably the finest all-round sort grown. The enormous quantities annually shipped to market prove its popularity, and it is more largely grown than any other variety. We take unusual precautions to maintain the highest degree of perfection in our stock, and can confidently claim superiority for it. The bulbs are large and uniformly spherical, with very small necks; the largest diameter is below the center of the bulb. The color is a rich orange-yellow; enormous yielders and splendid keepers. No Onion-grower can afford to plant inferior seed when such as this can be procured. Per pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$1.75, 5 lbs. \$8.

**S. & W. Co.'s Southport Red Globe.** Very similar to Wethersfield in color, having a deep red skin, but differing in shape, being almost a perfect globe. Size large, flesh fine-grained, mild and tender. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$1.75, 5 lbs. \$8.



S. & W. Co.'s Perfect Globe-Shaped Onions

## ONION SETS

Plant Onion sets and tops near the surface, in drills 12 inches apart and 4 inches in the rows. They require the highest culture to obtain the best results.

### White Globe Sets . . . . .

Red " " . . . . .

Yellow " " . . . . .

White Sets . . . . .

Red " " . . . . .

Yellow " " . . . . .

Per qt. Pk.

\$0 30 \$2 00

30 2 00

30 2 00

20 1 50

20 1 50

20 1 50

### Red Top Sets . . . . .

White Potato Onions . . . . .

Yellow " " . . . . .

White Multiplier Onions . . . . .

Shallots . . . . .

Per qt. Pk.

\$0 20 \$1 50

20 1 50

20 1 50

30 2 00

30 2 00

## PUMPKIN

One ounce will  
plant 50 hills

**CULTURE.**—Plant in April or May, among corn, or in the garden, in hills 8 or 10 feet apart, and otherwise treat in the same manner as melons.

**Large Tours, or Mammoth.** Grows to an immense size, often weighing over 100 pounds. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Connecticut Field.** Grown for stock purposes. Oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Winter Luxury.** This we recommend as one of the best pie Pumpkins; an excellent keeper and enormously productive. It is very finely netted and in color it is a golden russet. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Large Cheese.** A most popular variety in the South. Fruit flattened, the diameter being two or three times more than the length; skin mottled light green and yellow, changing to rich cream color as it matures; flesh tender and of excellent quality. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. \$1.

**Jumbo.** This is the variety to be grown where "the biggest Pumpkin" is wanted. We have seen specimens weighing 250 pounds. The color of skin is a deep yellow, the flesh being of a lighter shade. Notwithstanding its enormous size, it is delicious in quality and generally desirable. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Calhoun.** A good-sized, almost round Pumpkin, with creamy brown skin; flesh deep salmon-yellow, wonderfully thick, fine-grained, and of the finest quality for rich-colored pies. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.



Large Cheese Pumpkin

## SCORZONERA

One ounce will sow  
about 50 feet of drill

**CULTURE.**—Cultivate the same as salsify. The roots should not be scraped, but simply washed, boiled tender, then peeled and served like asparagus. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

## OKRA, or GUMBO

One ounce will sow  
about 100 feet of drill

**CULTURE.**—Sow in the second or third week in May, if the weather is settled and warm, in drills one inch deep and four feet apart; thin out to 12 inches.

**Lady Finger.** A new variety from the South, very productive, extra-long, slender pods of fine round form. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Kleckley's Favorite.** One of the best varieties. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Long Green.** Long ribbed pods, very productive. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50c.

**White Velvet.** Very distinct in appearance; pods are perfectly round, smooth and of a white velvety appearance and of superior flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

## PARSLEY

One ounce will sow  
about 150 feet of drill

**CULTURE.**—Parsley requires a rich, mellow and deep soil. Soak the seed for a few hours in tepid water, and sow early in the spring in drills one foot apart and half an inch deep. Thin out the young plants to four inches. Hamburg Parsley should be treated the same as carrots.

**Extra Double Curled.** Standard market sort. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Champion Moss Curled.** Very beautiful. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Fern-Leaved.** Finest garnishing variety. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Plain.** The ordinary form. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts.

**Curled Beauty.** Pkt. 10 cts.

**Hamburg, or Rooted.** Edible roots. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.



S. & W. Co.'s Improved Hollow Crown Parsnip

## PARSNIP

One ounce will sow about 200  
feet of drill. 5 to 6 lbs. for an acre

**CULTURE.**—Sow as early in spring as the ground can be worked, in drills 18 inches apart, covering with fine soil to the depth of half an inch. The soil should be rich and deeply dug. The quality of the roots is much improved after a severe frost; in fact, they may be allowed to remain in the ground throughout the winter, as they are perfectly hardy.

**S. & W. Co.'s Improved Hollow Crown.** A great improvement over the present Hollow Crown variety; smooth, clean and well shaped. Excellent for table or exhibition. Pkt. 25c., oz. 75c.

**Hollow Crown.** The finest variety grown; long, smooth and milky white. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

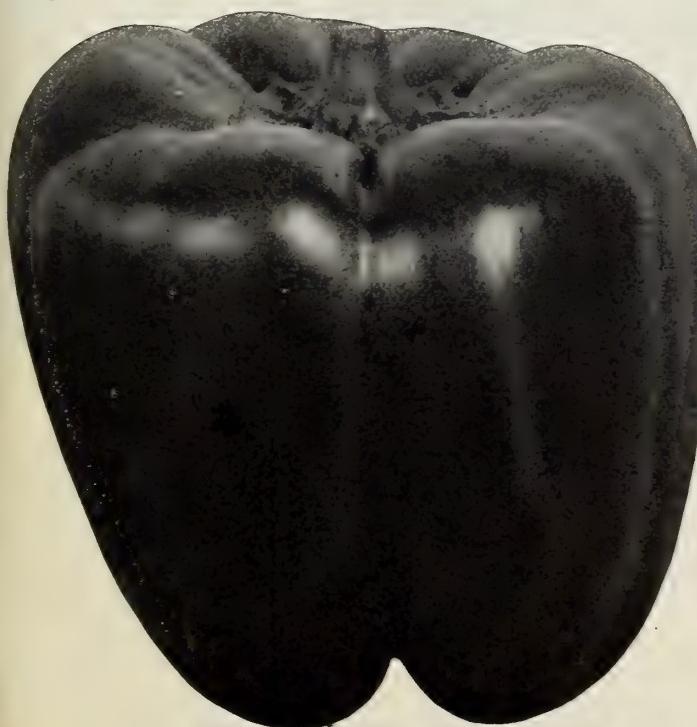
## PEPPER

One ounce will produce  
about 200 plants

**CULTURE.**—Sow in hotbed in March or in the open ground in April; transplant in rows 20 inches apart each way. The seed may be sown in the open ground after all danger of frost is passed.

**S. & W. Co.'s Selected Ruby King.** Fruit bright ruby-red. The flavor is so mild and pleasant that it can be sliced and eaten like cucumbers or tomatoes. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1, lb. \$4.

**Upright Sweet Solid.** Of recent introduction. Handsome, productive, and of finest quality. The color is bright scarlet and the flesh thick, mild and very sweet. The Peppers are as large as Ruby King and are all borne upright, clear of the ground. The flesh is so thick and the skin so tender that it may be fried like a beefsteak, and so sweet that it may be eaten like an apple. Pkt. 15 cts., oz. 45 cts.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.



S. & W. Co.'s Selected Ruby King Pepper

**Long Red Cayenne.** Fruit about four inches long, bright red color; very productive. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Cherry Red.** Small round fruit, rich scarlet color, and extremely piquant. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 85 cts., lb. \$3.

**Large Bell, or Bull Nose.** A large early variety of pleasant flavor. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.25.

**Magnum Dulce.** Superior to Chinese Giant or any other variety for size and quality. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 20 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.25.

**Chinese Giant.** An extremely large, handsome Pepper. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 15 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 90 cts.

**New Neapolitan.** Is fully two weeks earlier than Bull Nose, or Ruby King; of good size, and mild flavor. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 90 cts.

**Golden Dawn.** Bright golden yellow; very productive. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.

**Sweet Mountain.** Similar to the Bull Nose, but larger, sweeter and of milder flavor. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Red Cluster.** Bears a profusion of red clusters of very thin, pungent Peppers in an upright position. It forms a small compact plant about a foot high. A single plant has been known to produce a thousand peppers. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 85 cts.

## RHUBARB

One ounce will produce  
about 1,000 plants

**CULTURE.**—Sow early in spring, in drills one inch deep and a foot apart; thin out; transplant the following season 4 feet apart each way. The ground should be trenched and well manured.

**Linnaeus.** Early, large and tender. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Victoria.** Very large, somewhat later than Linnaeus. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Rhubarb Roots.** Each 10 cts., doz. \$1.

OUR PACKETS CONTAIN  
A FULL HALF-PINT

# PEAS

NORTHERN  
GROWN

Where pints and quarts are  
ordered BY MAIL add 5 cts.  
and 10 cts., respectively

One quart will plant 100 feet of drill

CULTURE.—For early crops sow as early in spring as practicable, and again every two or three weeks for a succession throughout the season up to the 1st of August. Plant in single or double rows, 4 feet apart and 2 inches deep. In dry weather soak the Peas over night before planting. In the vicinity of New York the Extra-Early Peas, if planted from the 15th to the last of August, will produce a medium crop for late picking, when they will be found most acceptable.

Varieties marked \* are wrinkled Marrows, and should be sown thicker than the round Peas, and not until the ground has become warm, as they are more liable to rot. All wrinkled sorts are much superior in flavor to the round Peas.

\***American Wonder.** Extra-early, fine flavor and productive. Height 1 foot.  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. \$2.75.

**Alaska.** The finest blue-seeded extra-early Pea known to the trade. Very early, uniform in growth, almost entirely free from sports or runners. First-class in every respect. Seed round, blue, slightly pitted. Height 2½ feet.  $\frac{1}{2}$  pt. 10 cts., pt. 20 cts., qt. 35 cts., pk. \$2.50.

### S. & W. Co.'s Selected Gradus.

Undoubtedly one of the most valuable varieties introduced up to the present time. The illustration shown does not give this grand Pea its full quota of praise. The Peas are large, fine quality and very early. Height 3 feet and of robust growth.  $\frac{1}{2}$  pt. 20 cts., pt. 35 cts., qt. 60 cts., pk. \$4.

\***Gregory's Surprise.** Excellent early sort. Height 2 feet.  $\frac{1}{2}$  pt. 10 cts., pt. 20 cts., qt. 35 cts., pk. \$2.50.

**First of All.** A very prodigious bearer; early and of splendid flavor; a variety largely used by market gardeners.  $\frac{1}{2}$  pt. 10 cts., pt. 20 cts., qt. 35 cts., pk. \$2.50.

\***Nott's Excelsior.** A splendid extra-early sort; very prolific.  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. \$2.75.

\***Thomas Laxton.** A remarkably fine early wrinkled Pea, and we think destined to supersede "Gradus." In many characteristics it resembles that excellent sort, but the pods differ in shape, and are certainly more numerous. It grows about 3 feet in height, but does not need brushing.  $\frac{1}{2}$  pt. 20 cts., pt. 35 cts., qt. 60 cts., pk. \$4.

\***McLean's Little Gem.** Early variety, straight pods, very prolific and of excellent flavor.  $\frac{1}{2}$  pt. 10 cts., pt. 20 cts., qt. 35 cts., pk. \$2.50.

### MEDIUM, or SECOND-EARLY

\***Champion of England.** Acknowledged to be the best of the tall-growing late varieties; the pods and peas are of the largest size and excellent quality.  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. \$2.75.

\***Heroine.** Height 2½ feet. Large, full pods very productive.  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. \$2.75.

\***McLean Advancer.** Height 2½ feet. A fine standard sort of excellent quality.  $\frac{1}{2}$  pt. 10 cts., pt. 20 cts., qt. 30 cts., pk. \$2.25.

\***Shropshire Hero.** Height 2½ feet. Very productive; fine flavor, long, handsome pods.  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. \$2.75.

### MAIN, or LATE CROP

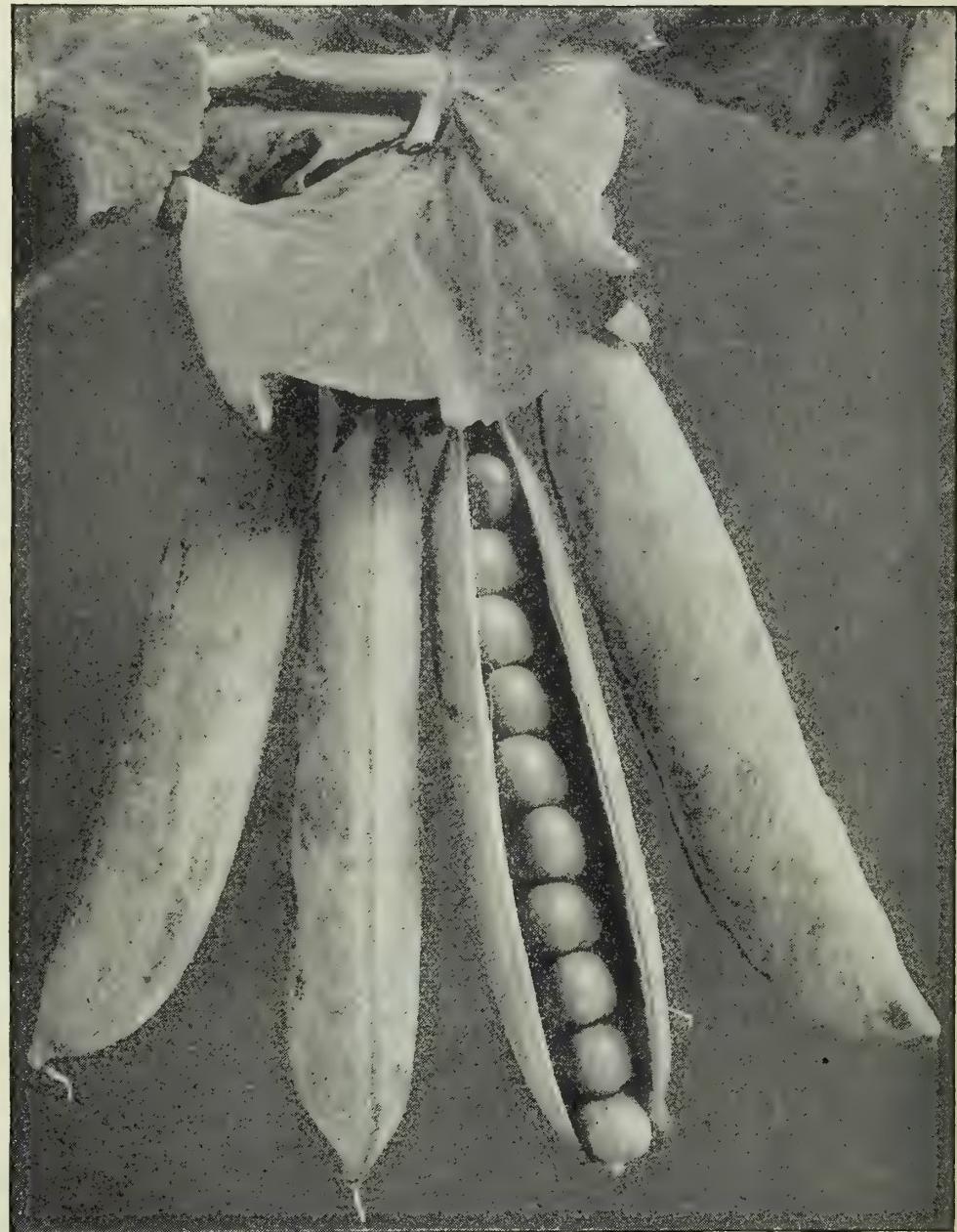
**Black-Eyed Marrowfat.** Hardy and prolific. Height 3 feet.  $\frac{1}{2}$  pt. 10 cts., pt. 20 cts., qt. 30 cts., pk. \$2.25.

\***Improved Stratagem.** Very large pod; peas of first quality. Height 1½ feet.  $\frac{1}{2}$  pt. 10 cts., pt. 20 cts., qt. 35 cts., pk. \$2.25.

**Juno.** One of the best Peas in cultivation. It has a robust vine and stout, straight pod, usually borne in pairs. The pods are very thick, broad-backed all the way up, and filled from the stem to the lips with seven to nine sweet, delicious dark green peas of immense size. Height 2 feet.  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. \$2.75.

\***Telephone.** A tall, wrinkled Marrow variety, enormously productive and of fine quality. The pods are of the largest size and contain from six to seven large peas. Height 4½ feet.  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. \$2.75.

\***Telegraph** (Long Island Mammoth). Very large pods and peas, very prolific.  $\frac{1}{2}$  pt. 10 cts., pt. 20 cts., qt. 35 cts., pk. \$1.75.



S. & W. Co.'s Selected Gradus Peas

### EDIBLE-PODDED SUGAR PEAS

**Luscious Melting Sugar.** Grows to the height of 5 feet, bears a profusion of large, broad pods, which are so brittle that they snap without any string. It should be used in much the same way as a wax bean. The pods when cooked are very sweet and tender.  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. \$2.50.

**Very Dwarf Gray Sugar.** Unusually dwarf, very similar in habit to the American Wonder. The pods are beautifully crimped, are of unusual size for such a small-growing sort, and are of exquisite melting quality.  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., pk. \$2.50.

You will make no mistake if you include some of our ENGLISH-GROWN PEAS in your order

## Stumpp and Walter Co.'s English-Grown Peas

The following varieties have proven from our trials to be of excellent merit and warranting a trial. We can quote our own opinion, but in the opinion of those who have tried these varieties, no gardener should fail to plant some of the following.

### EXTRA-EARLY PEAS

**Ameer.** Called in the South, Large Alaska; once used, always used. Height 18 to 20 inches, habit dwarf, stocky and vigorous, color dark green. The most robust grower we know of; an imported variety which tested out in our trials better than any other sort of its class. This Pea comes in about the same time as the Thomas Laxton, not so large but twice as prolific, just the Pea for the market or private gardener. Give it a trial.  $\frac{1}{2}$  lb. 20 cts., lb. 30 cts., 2 lbs. 50 cts., 5 lbs. \$1.15.

**Excelsior, Sutton's.** A dwarf early Marrowfat Pea, growing about 18 inches high. Pods large and well filled with deliciously flavored peas. Ready for picking with Nott's Excelsior.  $\frac{1}{2}$  lb. 25 cts., lb. 40c., 2 lbs. 75 cts., 5 lbs. \$1.50.

**Daisy, Carter's.** Dwarf, wrinkled, large pods; and finely flavored Pea. Height 1 $\frac{1}{2}$  feet.  $\frac{1}{2}$  lb. 20 cts., lb. 30 cts., 2 lbs. 50 cts., 5 lbs. \$1.15.

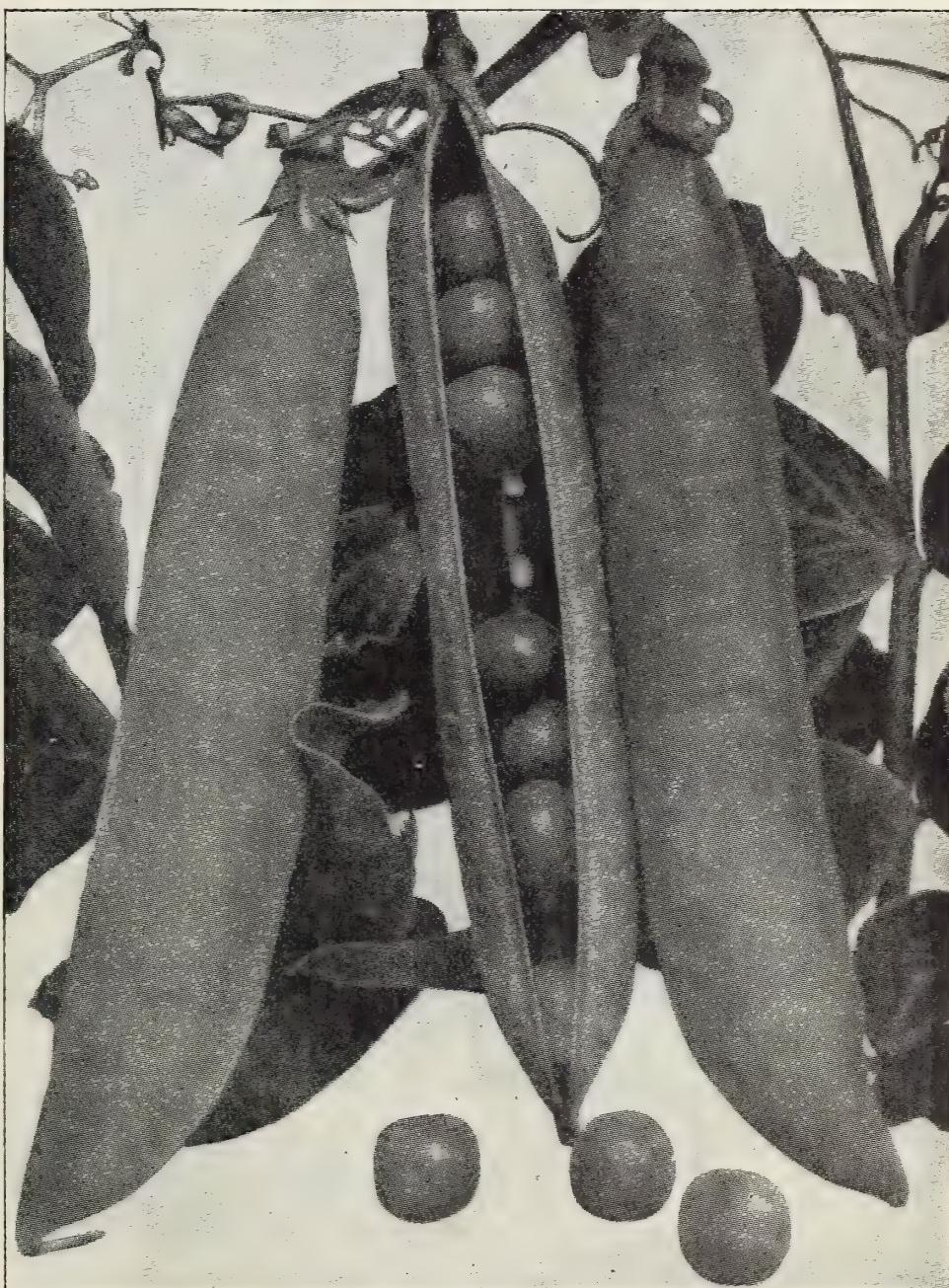
**\*Early Morn. Carter's.** This grand introduction maintains its position as one of the best early Marrowfat Peas ever raised, although so early, the seed should not be sown until the soil is in a fit shape to receive it in April, as it is a rapid grower. The pods are very large and well filled and are often ready to pick during June. Height about 3 feet.  $\frac{1}{2}$  lb. 30 cts., lb. 50 cts., 2 lbs. 85 cts., 5 lbs. \$2.

**Blue Express, Carter's.** A reselected stock of an early round-seeded variety and a very productive bearer, the pods well filled with fine-flavored peas.  $\frac{1}{2}$  lb. 30 cts., lb. 50 cts., 2 lbs. 85 cts., 5 lbs. \$2.

**Laxtonian. Carter's.** This Pea is deservedly called one of the earliest of Peas. It is a true marrowfat, having the richness of the Best of Late Marrowfat varieties. As a Dwarf Early Pea it is unsurpassed in quality.  $\frac{1}{2}$  lb. 30 cts., lb. 50 cts., 2 lbs. 85 cts., 5 lbs. \$2.

**Mayflower, Carter's.** A superb dwarf first early Marrowfat Pea. A cross between Daisy and William Hurst. This is a grand variety, with long-pointed pods twice the size of William Hurst and much more freely produced, being one of the most popular dwarf Peas grown.  $\frac{1}{2}$  lb. 30 cts., lb. 50 cts., 2 lbs. 85 cts., 5 lbs. \$2.

**\*Thomas Laxton.** A remarkably fine early wrinkled Pea, and we think destined to supersede "Gradus." In many characteristics it resembles that excellent sort, but the pods differ in shape, and are certainly more numerous. It grows about 3 feet in height, but does not need brushing.  $\frac{1}{2}$  lb. 25 cts., 1 lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.50.



Early Morn Peas

### MEDIUM, or SECOND-EARLY PEAS

**Quite Content, Carter's.** A giant-podded main crop. Awarded the First-Class Certificate of the Royal Horticultural Society, 1906. Pods longer than any other Pea in cultivation. This grand Pea, which has caused such a stir in the Horticultural world during the past season, is the outcome of a cross between Alderman and Edwin Beckett. In general character it resembles the former, but the pods are considerably larger than either parent. In our own trials it has amply demonstrated its wonderful superiority, and when exhibited it was pronounced by leading experts to be without doubt the finest Pea ever seen. It is exceedingly prolific, and the pods hang mostly in pairs. Height 5 to 6 feet.  $\frac{1}{2}$  lb. 30 cts., lb. 50 cts., 2 lbs. 85 cts., 5 lbs. \$2.

**Duke of York.** An excellent variety, a few days earlier than Duke of Albany.  $\frac{1}{2}$  lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.50.

**\*Favorite, Sutton's.** A very dwarf type of Yorkshire Hero; good for light early land. It has rich, deep green pods, well filled with delicious Marrowfat Peas; very prolific.  $\frac{1}{2}$  lb. 35 cts., lb. 60 cts., 2 lbs. \$1, 5 lbs. \$2.75.

**\*Senator.** A grand second-early variety; productive of large, luscious, very wrinkled Peas. The handsome large round pods are curved and always well filled. Vines grow 3 to 4 feet and carry an enormous crop of delicious peas.  $\frac{1}{2}$  lb. 30 cts., lb. 50 cts., 2 lbs. 85 cts., 5 lbs. \$2.

### MAIN, or LATE CROP PEAS

**Alderman.** A valuable variety of recent introduction. The vines are vigorous and average 18 to 20 pods, each containing 7 to 10 large peas of a most delicious flavor.  $\frac{1}{2}$  lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75.

**Buttercup, Carter's.** A hardy type of Daisy Pea, with long, handsome, well-filled pods. We have counted as many as twenty-two pods on a single plant ready at one time. Height 2 feet.  $\frac{1}{2}$  lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75.

## POTATOES FOR SEED

CULTURE.—Grown exclusively from tubers; 10 to 12 bushels to the acre. Plant in early spring, in rows 3 feet apart and plants 15 to 18 inches apart in row. Cultivate constantly and thoroughly, finally ridging the loose soil against the rows. A second or late spring planting is often made. Store in frost-proof cellar in winter. Our Potatoes are all specially raised for seed purposes, are "Northern Grown" and are exceptionally fine in quality. In comparing our prices on Potatoes, remember we make no charge for barrels or cartage, and deliver F. O. B., New York, at prices quoted.



Extra-Early Bovee Potatoes

**Selected Early Rose.** A standard variety, early, productive and of excellent quality.  $\frac{1}{2}$  pk. 40 cts., pk. 70 cts., bus. \$2, bbl. \$4.50.

**Beauty of Hebron.** Slightly flesh-colored skin, with pure white flesh; one of the most popular early varieties.  $\frac{1}{2}$  pk. 40 cts., pk. 70 cts., bus. \$2.25, bbl. \$4.

## MEDIUM AND LATE CROP VARIETIES

**Gold Coin.** A splendid Main Crop variety of remarkable productiveness and finest table quality; slightly oblong form; light golden skin; flesh pure white, fine-grained; cooks very dry. Pk. 85 cts.,  $\frac{1}{2}$  bus. \$1.50, bus. \$2.50, bbl. \$6.

**Snow (White).** Sometimes called Poor Man's Friend. On account of the large yields that have been reported of this Potato it is rightly entitled to be called the "Poor Man's Friend." It is of handsome shape and most desirable for the best trade. It is a vigorous grower, ripens uniformly, a little earlier than Green Mountain, is a good keeper and fast becoming one of the most popular medium late varieties. The vines are always very heavy, the seed being especially vigorous and tubers always good size where soil is well tilled. Our customers who have grown this Potato last year have given us very pleasing reports, and we have no hesitancy in offering this sterling variety this year. Pk. \$1,  $\frac{1}{2}$  bus. \$1.75, bus. \$3, bbl. \$7.

**Rural New Yorker.** Large and smooth; white skin and flesh. Pk. 70 cts., bus. \$2.25, bbl. \$4.

**BUG DEATH.** Our Potato Grower's recommendation. "Our crops are thoroughly sprayed with Bug Death, keeping them green and growing and free from bugs, blight and rust germs until full maturity, allowing the seed ball to mature. No Paris green or arsenic used on our crops." See Insecticides, for prices and description.

## Salsify, or Vegetable Oyster

One ounce will sow about 50 feet of drill

CULTURE.—Sow the seed early in spring, in drills 12 inches apart and one inch deep, thinning out the young plants to 6 inches. The roots will be ready in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground until spring.

**Mammoth Sandwich Island.** Tender and delicious. Superior to all other sorts. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

## Sorrel

One ounce will sow about 100 feet of drill

CULTURE.—Sow early in the spring in drills 6 to 8 inches apart.

**Garden.** Used for soups and salads on account of its pleasant acid flavor. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Norcross.** Has been grown for the past few years and has given excellent satisfaction. The Potato is large, flat, oval, perfect in shape, finest in quality, largest in yield. It is an excellent eating Potato, is very hardy, and has shown exceptional blight-resisting qualities.  $\frac{1}{2}$  pk. 50 cts., pk. 90 cts., bus. \$2.50, bbl. \$6.

**Carman No. 1.** Largest size, greatest yielder.  $\frac{1}{2}$  pk. 50 cts., pk. 85 cts., bus. \$2.50, bbl. \$5.

**Late Puritan.** Very productive. Pk. 70 cts., bus. \$2, bbl. \$4.

**Carman No. 3.** Is of perfect form even in dry seasons, almost every Potato being of uniform size and shape, averaging nearly a pound each in weight. The skin and flesh are extremely white no hollow or dark parts and its cooking qualities are extremely fine. Pk. 70 cts., bus. \$2.25, bbl. \$4.50.

**Green Mountian** (selected stock). A late, heavy cropper of excellent quality; skin smooth and white; shape roundish flat, eyes few and shallow; a good keeper. Pk. 85 cts.,  $\frac{1}{2}$  bus. \$1.50, bus. \$2.50, bbl. \$5.

## Swiss Chard

One ounce will sow about 100 feet of drill

CULTURE.—This is a beet producing only leaves, and is excellent used as greens. Considered by many much superior to either spinach or beet tops as greens. Sow the seed as early as the ground can be worked, in drills about a foot apart. As it grows, thin out for use.

**Green Lyon.** Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Giant Lucullus.** Crumpled leaves, yellow with broad white ribs. Prepared for table the same as spinach; mid rib is sometimes prepared like asparagus. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

## Sprouts

One ounce will plant about 150 feet of drill

CULTURE.—Sow in drills one inch deep and treat the same as Kale.

**Spring Sprouts, or English Rape.** Pkt. 5 cts., oz. 10 cts.

**Winter, or Siberian Kale.** Pkt. 5 cts., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

# RADISH

One ounce will sow  
about 100 feet of drill

**CULTURE.**—Sow, for early crops, in March, in hotbed, and in April and May in a warm border, and continue throughout the season, in fortnightly sowings, in drills an inch deep and a foot apart.

**"Cooper's Sparkler."** A quite distinct variety, now offered for the first time. Fulfils every requirement in each respect, the color being a rich carmine-scarlet, with a very pronounced tip of the purest white. The roots, even when fully developed, are solid, crisp and sweet, and remain fit for use as long as the coarser kinds. It is equally well adapted for forcing in frames or growing in the open ground, for, while the leaves are small, as shown in the accompanying photograph, they are sufficiently large for bunching. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Sakurajima.** A Radish from Japan, which grows to enormous dimensions. The circumference of some are 43 inches, the length 21 inches. The skin is white and the fruit is always crisp and tender. The taste is more delicate than our American varieties, and we believe that this variety will become popular. Pkt. 25 cts., oz. 50 cts.

## EARLY TURNIP VARIETIES

**Scarlet.** Very early. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 60 cts.

**Scarlet White-tipped.** Fine for early forcing in frames, or outdoors. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Early White Turnip.** A small, round sort, inclined to flat. Its beautiful, pure white color makes it very useful for mixing with other sorts. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 70 cts.

**Yellow Summer.** Splendid variety; stands heat and drought well. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts.

**Early Scarlet Globe.** Of distinct shape, brilliant color, short-leaved, crisp and white; an excellent variety for forcing. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Large White Summer.** Large size and fine form; excellent for summer use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Large Gray Summer.** Large size, round. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25c.

**Triumph Scarlet Striped, Forcing.** A very desirable addition to our forcing sorts. The roots are about the size and shape of Scarlet Turnip White-tipped, but are creamy white, beautifully marked with spots and dashes of carmine. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

## OLIVE-SHAPED VARIETIES

**Olive-shaped Scarlet.** Flesh bright and crisp. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Olive-shaped White.** Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**French Breakfast.** A favorite sort; mild and crisp. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75c.

**Red Rocket.** Shape

is long oval, color bright red, good flavor. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**White Rocket.** Similar to Red Rocket, but is pure waxy white throughout. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**White Tip Rocket.** Brilliant scarlet with white tip; flavor delicious. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

## LONG VARIETIES

**Scarlet Short Top.** Very long and crisp. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

**Scarlet Charlier White-tipped.** The color at the top is crimson, running into pink about the middle, and from thence downward is a pure white. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 65 cts.

**White Strasburg.** Shape tapering; skin and flesh both white; excellent summer variety. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 65 cts.

**Giant White Stuttgart.** Medium early, large and heavy; pure white throughout; very tender and delicious flavor. Very popular sort. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 2cc., lb. 60c.

**Long White Vienna, or Lady Finger.** Pure white in color; of long, tapering shape; very attractive in appearance. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts.

**White Icicle.** A fine long white and very early sort, ready in twenty to twenty-five days after planting. Its transparent, white skin, makes it a very attractive market and table variety. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

## WINTER RADISHES

**Rose China.** Bright rose color; flesh firm and piquant; fine for winter use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Long Black Spanish.** The popular winter sort. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

**Round Black Spanish.** Fine for winter use. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

**Half-long Black Spanish.** A fine market-gardeners' strain. Flesh white and crisp; fit to use early in the fall. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**California Mammoth White Winter.** A white-fleshed Radish of excellent quality Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.



Early Scarlet Globe and French Breakfast Radishes



Cooper's Sparkler Radish



## SQUASH

One ounce Early Squash will plant about 25 hills  
One ounce Marrow Squash will plant about 50 hills

**CULTURE.**—The Squash succeeds best in good rich soil. It is not advisable to plant before May 15. Sow in hills in the same manner as cucumbers and melons.

**White Bush Scalloped.** This and the Yellow Bush Scalloped are esteemed the earliest, and are grown almost exclusively for first crop. From the hard texture of the rind it is well suited for shipping, and they are grown exclusively at the South for that purpose. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Long Island White Bush.** A selection of the Old White Bush Scalloped, and a vast improvement, having less prominent ridges and being much deeper, so that a single Squash actually contains nearly twice as much weight for the same cubic measurement as the old sort. In addition to this, it is of finer quality and very prolific. We can strongly recommend this variety. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Yellow Bush Scalloped.** Differs from the white only in color. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Golden Custard.** Mammoth strain of the Early Yellow Scalloped Bush. Golden yellow flesh, quality excellent. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts.

**Perfect Gem.** Round, white, very productive, and of fine quality. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts.

**Boston Marrow.** Medium early; oval in shape; yellow flesh, and of most excellent quality. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts.

**Early Summer Crookneck.** A very fine early summer variety. Fruit is yellow, fine flavor and productive. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts.

**Giant Bush Summer Crookneck.** The Crookneck class of Squash surpasses in quality any of the summer varieties, and in the Mammoth we have the delicious buttery flavor of the original sort, but of just double the size. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Hubbard.** Finest of all the late-growing varieties. Bluish green color, occasionally marked with brownish orange. Will keep from September to May. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Delicata.** Early and very prolific; of oblong shape. Ground color orange-yellow, splashed and striped with very dark green. Although of small size, the Squash are solid and heavy, while the quality is rich and dry. An excellent "all seasons" Squash. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Mammoth Chili.** The flesh is very thick and of a rich yellow color; the quality is good and nutritious. They are most profitable to grow for stock feeding. They keep well throughout the entire winter. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Winter Crookneck.** Splendid for winter; flesh close-grained, sweet and of fine flavor. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts.

**Vegetable Marrow.** A favorite English and Canadian sort; oblong, from 9 to 18 inches in length. Flesh white soft and very delicious. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts.

## SPINACH

One ounce will sow about 100 feet of drill

**CULTURE.**—Sow in March or April in drills one inch deep and 14 inches apart; again in August or September. Spinach delights in very rich soil—in fact, it is of no use sowing in a poor one.

**Norfolk Savoy-Leaved.** A valuable variety with wrinkled leaves, resembling the Savoy cabbage; hardy and prolific. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 35 cts.

**Large Thick-Leaved.** Fine market sort. It produces a large, thick leaf and stands for a long time before running to seed. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 35 cts.

**Round-Leaved.** One of the best for market or family gardens. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 35 cts.

**Large Thick-Leaved Viroflay.** A fine selection of the old lettuce-leaved Spinach. Excellent for summer use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 35 cts.

**Long Standing.** A distinct variety, standing from two to three weeks longer than any of the other sorts without going to seed in this climate. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 35 cts.

**New Zealand.** Produces leaves in great abundance throughout the summer; it should be transplanted 2 by 3 feet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**Victoria.** New extra-dark black-green color. Two or three weeks later than the ordinary Long Standing. A fine variety for spring sowing. Pkt. 5 cts., oz. 10 cts., lb. 35 cts.

## SEA-KALE

One ounce will produce about 300 plants

Sow one inch deep in drills 2 feet apart, thin out to 6 inches, and the next spring plant in hills 3 feet apart.

**Sea-Kale.** Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Sea-Kale Roots.** See page 39.

# TOMATO

One ounce will produce  
about 1,000 plants

**CULTURE.**—The seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and half an inch deep. When the plants are about 2 inches high they should be transplanted into another hotbed and planted 4 inches apart, or planted in 4-inch pots, allowing a single plant to a pot. About the 15th of May the plants may be set out in the open ground 3 feet apart. Water freely at the time of transplanting. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower-pot, and placing it in a sunny window of the room or kitchen. The fruit is greatly improved in quality if the vines are tied to a trellis or to stakes.

## FORCING

### S. & W. Co.'s Best of

**All.** A variety of matchless form and color. Fruits beautiful, smooth, round and wonderfully prolific. Color of rich scarlet-red; setting very free in bunches. Equally good for outdoor culture as for forcing. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts., oz. \$2.50.

### Carter's Duke of York.

Color rich scarlet, splendid cropper, almost globular in shape; flesh very firm, fine flavor. Ripens its fruit very evenly, while its profusion of clusters, averaging six and ten evenly formed fruits each, make it conspicuously handsome. (Seed English-grown.) Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts., oz. \$2.25.

**Sterling Castle.** A very superior variety for either forcing or outdoor culture. Very heavy cropper, of medium size, smooth and round. Color a clear red. Remarkable for its freedom of set and delicious flavor. (Seed English-grown.) Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts., oz. \$2.25.

**Sutton's Winter Beauty.** The committee of the R. H. S. were so favorably impressed with the high value of this Tomato that an Award of Merit was made for it. The plant is of strong constitution and bears with great freedom. This Tomato is of exceptional quality for table use. May be grown just as successfully in the open ground as under glass. (Seed English-grown.) Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts., oz. \$2.25.



Crimson Cushion Tomatoes

**Dwarf Champion.** Distinct in foliage and habit of growth, being compact and upright; fruits early; medium size, and resembles the Acme in appearance. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Dwarf Stone.** The largest fruited of all the dwarf Tomatoes. The fruits are produced in clusters of three to five, and, as the growth is close jointed, each plant produces a large number. The Tomatoes average 4 inches in diameter and 2½ inches in depth. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.10, lb. \$4.

**Early Michigan.** Vines large, with large, dark green leaves, vigorous and productive, being, under high culture, one of the heaviest croppers; fruit medium size to large, and, unlike most varieties, grows larger as the season advances, perfectly smooth, solid, but without any core; deep, rich red color, and of excellent flavor. Its first fruits are very early, but the vines continue to bear for a long time. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 20 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.

**Favorite.** This is a very popular variety. Fruit dark red color, smooth; flesh firm and fine flavored. A very heavy cropper. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Golden Queen.** About size and form of Beauty; smooth, golden yellow. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Livingston's New Globe.** It is of beautiful globe-shape, elongated (stem to blossom) fruits, which permits of a greater number of slices being taken than with flat-fruited sorts. Among the very first to ripen, although of large size, very smooth, firm-fleshed, few seeds, ripens evenly; color a beautiful glossy rose, tinged purple. Flavor very delicate and agreeable; splendid slicing variety. The fruit is borne on short-jointed, branching plants in great abundance —literally loaded with fruit. A good general cropper, and one of the very best for greenhouse-growing, or first-early crop on stakes or trellis. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 30 cts., oz. 50 cts., lb. \$5.

## EARLY OUTDOOR VARIETIES

**S. & W. Co.'s Earliest of All.** Unquestionably the earliest red Tomato in cultivation. Fruits good size, brilliant red color, smooth, very prolific, and of superior flavor. If sown in March and transplanted, will bear a good crop of Tomatoes by July, and continue fruiting until cold weather sets in. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 20 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$2.25, lb. \$4.

**Chalk's Early Jewel.** An extremely early variety of brightest scarlet color, deep-fruited and solid. Very few seeds and of excellent flavor. A grand variety for the table or for exhibition. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 15 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.75.

## GENERAL LIST MAIN CROP SORTS

**Acme.** Early, of medium size, perfectly smooth, very solid and productive. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.

**Beauty.** Large, smooth, pinkish red; thick flesh, regular form. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.

**Crimson Cushion.** The Crimson Cushion is more symmetrical in shape than the Ponderosa, and is much thicker through from stem to blossom end; in fact, so marked is this characteristic that it is frequently almost round. The color is brilliant scarlet-crimson, untinged with purple, and ripens up almost to the stem. The flesh is firm and "meaty," and of superb quality. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50, lb. \$4.

TOMATOES, continued

**Livingston's New Coreless.** Large size, globe-shaped, bright red; full stemmed, heavy cropper. The two distinctive features which stand out most prominently are great depth from stem to blossom; and the depression at the stem has been almost entirely eliminated. Pkt. 10 cts., 3 pkts. for 25 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.75.

**Matchless.** The color is rich cardinal-red. The skin is so tough that it is a splendid keeper and shipper, and is less liable to crack in wet weather than any other large Tomato. Unsurpassed for market or for table. The plant is a strong grower, and is very productive, bearing with undiminished vigor until frost. The fruit is free from core, and the seed-spaces are comparatively small. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Ponderosa.** The largest variety in cultivation. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.

**Perfection.** Smooth, productive and a good shipper. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.

**Royal Red.** Vines stronger and more vigorous than the Favorite. Fruit large and bright red. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Sparks' Earliana.** The most perfect of all Tomatoes. Of large, uniform size and beautiful red color; ripens thoroughly. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25.

**Selected Early Paragon.** Vine medium-sized, with large, dark green leaves, having numerous clusters of three to seven large Tomatoes, which are a rich dark red color; exceedingly smooth; flesh very firm, but without green spots. This is a favorite variety on account of its smooth, handsome fruit. One of the best varieties for canning. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 15 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75c., lb. \$2.

**Stone.** One of the best. It is very large, perfectly smooth, and of a bright scarlet color. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.

**Trophy.** Improved. A standard variety. Very solid, smooth and excellent in every respect. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60c., lb. \$2.

### SMALL FRUITING VARIETIES

	Pkt.	$\frac{1}{2}$ oz.	Oz.
<b>Yellow Cherry</b>	\$0 10	\$0 25	\$0 40
" " Plum	10	25	40
<b>Red Cherry</b>	10	25	40
" " Peach	10	25	40
" " Pear	10	25	40
<b>Strawberry.</b> Small fruit, borne in clusters; used for preserves.			

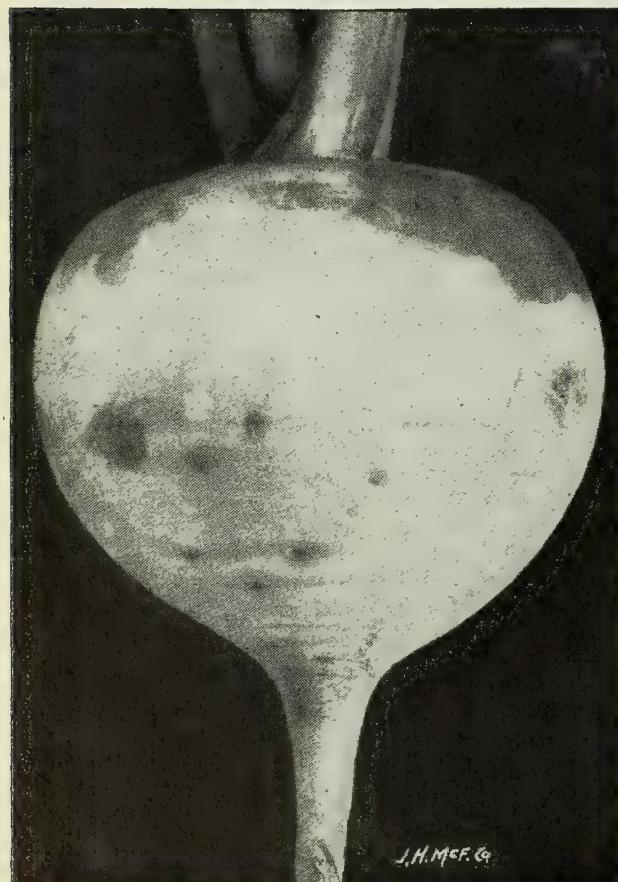


Ponderosa Tomato

### TOMATO PLANTS. Pot-grown

	Doz.	100
<b>Crimson Cushion</b>	\$0 75	\$5 00
<b>Ponderosa</b>	75	5 00
<b>June Pink</b>	75	5 00
<b>Earliest of All</b>	75	5 00
<b>Early Michigan</b>	60	4 00
<b>Acme</b>	60	4 00
<b>Stone</b>	60	4 00
<b>Globe</b>	75	5 00

We have Tomato plants, grown in flats, at 25c. per doz., \$2 per 100



Purple-Top White Globe Turnip

### TURNIP

One ounce will sow about  
150 feet of drill

**CULTURE.**—For early Turnips, sow as soon as the ground opens in spring. Rutabagas should be sown from any time in July to first of August; but the other kinds, for winter use, may be sown from the middle of July to the end of August. Turnips are generally sown broadcast, but much larger crops are obtained (particularly of the Rutabagas) by cultivating in drills 18 inches apart, and thinning to 6 inches in the drill. Sow in drills, one pound to the acre; broadcast, two to three pounds to the acre.

**Early White Milan.** As early as the Early Purple-top Milan and possesses all of its good qualities. The entire bulb, inside and out, is clear ivory-white in color; the outer surface is perfectly smooth. It grows so quickly that even the outer surface of the bulb is quite tender. Its table qualities are unequalled, being of the most delicate flavor and tempting appearance. It will undoubtedly find a welcome in our markets, as, in addition to the heavy crop assured by its adaptability for close planting, it will be found fit for use at least a week earlier than any other white variety in cultivation. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40c.

**White Egg.** Shape nearly oval; flesh firm; smooth white skin; mild and very sweet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Early Snowball.** Small, solid, crisp and sweet; one of the best for table use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Purple-Top Munich.** One of the earliest varieties. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Red-Top Strap-leaf.** A standard sort, extensively grown for market and private use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**White Strap-leaf.** Early variety. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Purple-Top White Globe.** An early variety, globe-shaped, heavy cropper, in other respects similar to Red-Top Strap-leaf. A handsome-looking bulb, and is rapidly taking the lead of all other varieties of early Turnip for market-garden purposes. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 55 cts.

**Golden Ball, or Orange Jelly.** This is the most distinct yellow Turnip we know. The flesh is of a very fine texture, making it one of the best table varieties. Its beautiful color and fine flesh have earned for it the synonym of "Orange Jelly," which well describes its appearance when ready for the table. The bulb is of medium size, with small tap-roots, and is early in maturing. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 55 cts.

# STUMPP & WALTER CO.'S STERLING SEEDS

## TURNIPS, continued

**Long White, or Cowhorn.** A quick-growing, long-shaped variety, flesh fine-grained and sweet, excellent for table use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**White French, or Sweet German.** A delicate-flavored variety; an excellent keeper and fine for table use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 60 cts.

**Yellow Stone.** One of the best yellow-fleshed sorts for table use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Early Purple-Top Milan.** Earliest of all purple-topped Turnips. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Yellow Aberdeen.** A very hardy and productive variety of fine form and excellent quality. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50c

## Aromatic, Medicinal and Pot Herbs

	Pkt.	Oz.	Lb.
<b>Anise</b> ( <i>Pimpinella anisum</i> ). Seeds aromatic and carminative .....	\$0 05	\$0 10	\$0 75
<b>Balm</b> ( <i>Melissa officinalis</i> ). For culinary purposes.....	05	30	
<b>Basil</b> ( <i>Ocimum basilicum</i> ). Sweet. Culinary herb used for flavoring soups, etc.....	05	15	1 25
<b>Bene</b> ( <i>Sesamum orientale</i> ). The leaves used for dysentery .....	05	10	80
<b>Borage</b> ( <i>Borago officinalis</i> ). Leaves used as a salad.....	05	10	1 00
<b>Caraway</b> ( <i>Carum Carui</i> ). Used in flavoring liquors and bread .....	05	10	60
<b>Catnip</b> ( <i>Nepeta cataria</i> ). Has medicinal qualities.....	10	40	4 00
<b>Coriander</b> ( <i>Coriandrum sativum</i> ). Seeds aromatic.....	05	10	50
<b>Dill</b> ( <i>Anethum graveolens</i> ). Seeds used for flavoring vinegar.....	05	10	50
<b>Fennel</b> ( <i>Anethum Foeniculum</i> ). Florence. In flavor resembling celery.....	05	15	1 25
<b>Horehound</b> ( <i>Marrubium vulgare</i> ). Has medicinal qualities .....	05	25	2 50
<b>Hyssop</b> ( <i>Hyssopus officinalis</i> ). Has medicinal qualities .....	05	25	2 50
<b>Lavender</b> ( <i>Lavendula vera</i> ). True. For oil and distilled water .....	05	30	3 00
<b>Marjoram</b> ( <i>Origanum Majorana</i> ). Sweet. Used in seasoning .....	05	20	1 25
<b>Mint</b> ( <i>Mentha piperita</i> ). Peppermint .....	25		
<b>Rosemary</b> ( <i>Rosmarinus officinalis</i> ). Yields an aromatic oil and water.....	05	30	3 00
<b>Rue</b> ( <i>Ruta graveolens</i> ). Said to have medicinal qualities .....	05	20	2 00
<b>Saffron</b> ( <i>Carthamus tinctorius</i> ). Used in medicine and also in dyeing.....	05	10	75
<b>Sage</b> ( <i>Salvia officinalis</i> ). Common. A culinary herb; also used in medicine.....	05	15	1 50
<b>Savory</b> ( <i>Satureja Hortensis</i> ). Summer. Used as a culinary herb .....	05	10	75
<b>Savory</b> ( <i>Satureja Montana</i> ). Winter. Used as a culinary herb .....	05	20	2 00
<b>Tarragon</b> ( <i>Artemisia Dracunculus</i> ). Does not produce seed. See Esculent Plants.			
<b>Thyme</b> ( <i>Thymus vulgaris</i> ). Broad-leaved English. Used as a seasoning .....	05	25	2 50
<b>Thyme</b> ( <i>Thymus vulgaris</i> ). French .....	05	30	3 25
<b>Woodruff</b> ( <i>Asperula odorata</i> ) .....	05	60	
<b>Wormwood</b> ( <i>Artemisia Absinthium</i> ). Has medicinal qualities.....	05	20	2 00

## Root Crops For Feeding Stock

### **CARROT**

Sow two to three pounds to the acre. From middle of May to July 1 for main crop; one foot apart between rows, thin out to 7 inches in the rows.

**S. & W. CO.'S STRAIN DANVER'S HALF-LONG.** Deep orange color, of medium length, tapering uniformly to a blunt point. Flesh smooth, and although of medium length this strain will give the largest yield per acre. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.

**LONG ORANGE IMPROVED.** An excellent long Carrot, of deep orange color; doing well in a deep soil. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.

### **MANGEL-WURZEL and SUGAR BEETS**

Sow six to eight pounds to the acre during May and June; 2 feet apart between rows, thin out to 8 inches in rows.

**CHAMPION YELLOW GLOBE.** Globe-shaped roots of large size, adapted for growing in shallow soils. Oz. 10 cts.,  $\frac{1}{4}$  lb. 15c., lb. 35c.

**RED GLOBE.** Similar to Yellow Globe, except color of skin being red. Oz. 10 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 35 cts.

**MAMMOTH LONG RED.** The largest and heaviest cropper of all the Mangels. Dark red skin, with whitish flesh. Grows one-half or more above the surface. Oz. 10 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 35 cts.

### **SUGAR VARIETIES**

**KLEIN WANZELEBEN.** Extensively grown for feeding and sugar. Oz. 10 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 35 cts.

**IMPROVED WHITE SUGAR.** Oz. 10 cts.,  $\frac{1}{4}$  lb. 15c., lb. 35c.

### **RUTABAGA (Russian, or Swedish Turnip)**

Sow two pounds to the acre in June and July in drills, 2 feet apart; thin out to 9 inches in the row.

**IMPROVED AMERICAN PURPLE TOP.** A yellow-fleshed; purple top; great cropper; excellent for table or stock. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**LONG ISLAND IMPROVED.** A very excellent variety; of very large size. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**SKIRVING'S PURPLE TOP.** A very heavy cropper; one of the best for field culture. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

## Esculent Plants, Roots and Herbs

	Each	Doz.	100
<b>Chive Plants</b> .....	\$0 25	\$2 50	\$20 00
<b>Cinnamon Vine Roots</b> .....	10	1 00	7 00
<b>Hop Vine Roots</b> .....	10	1 00	
<b>Jerusalem Artichoke Roots</b> qt. 25c., pk. \$1.			
<b>Horse-Radish Roots</b> (strong roots).....	15	75	
<b>Peppermint</b> .....	15	1 50	12 00
<b>Rosemary</b> .....	15	1 50	12 00
<b>Rhubarb Roots</b> (Giant Crimson Winter) .....	25	2 50	15 00
<b>Sage</b> .....	15	1 50	12 00
<b>Tansy</b> .....	15	1 50	12 00
<b>Tarragon.</b> Strong 3-inch pot plants.....	35	3 50	25 00

### **FORCING ROOTS**

**Asparagus, Conover's Colossal, or Palmetto.** Forcing crowns. \$7 per 100, \$60 per 1,000.

**Sea Kale** (*Crambe maritima*). Sea Kale is almost unknown in America, but considered quite a delicacy in Europe. It is one of the most succulent and edible vegetables known, and can be forced like rhubarb, or grown in the open ground and protected so that it will bleach. In form and flavor it is not unlike celery, though it is not eaten raw, but boiled and served with drawn butter. We are importing some specially fine stock this winter.

**Imported Extra-selected Forcing Crowns.** Doz. \$2, per 100 \$15, per 1,000 \$140.

# Stumpp & Walter Co.'s "Suburban Garden" Collection of Flower Seeds

ONE DOLLAR, POSTPAID

We are frequently requested to make up collections of Flower Seeds best suited for town or small suburban gardens. The varieties and quantities named below have been selected with a view of giving our patrons a goodly share of flowers throughout the summer, both for cutting and for effective bedding or edging. This collection may also be planted at the seashore or mountain resort.

$\frac{1}{4}$ lb. Stumpp & Walter Co.'s Giant Flowering Sweet Peas  
1 oz. Stumpp & Walter Co.'s Tall Nasturtiums

Also package each of the following popular annuals, of easy cultivation:

Sweet Alyssum	Aster, Queen of the Market, Mixed
Candytuft	Chinese Pink
Cornflower	Eschscholtzia, California Poppy
Cockscomb, Featherea	Godetia
Annual Larkspur	Marigold, African Tall
Mignonette, Defiance	Phlox Drummondi, Large-flowering
Poppies, Shirley	Scabiosa, Large-flowering, Tall, Double
Zinnia, Stumpp & Walter Co.'s Giant Flowering	

## Stumpp & Walter Co.'s Wild Garden Mixture

A DISTINCT MIXTURE OF EXCEPTIONAL MERIT

The varieties of seeds chosen for this Wild Garden Mixture are selected with an idea of permanency, and are of perennial character; also with a view of giving a continuous display of blooms from early spring until frost. They are interesting, beautiful, and many defy description.

Our collection comprises a mixture of more than one hundred named varieties, properly blended, in order to have a marked and varied succession of blooms. To the lover of an ideal Wild Garden we strongly recommend same.

Tall Wild Garden Mixture. Pkt. 10 cts.,  $\frac{1}{2}$ oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$ lb. \$1.50, lb. \$5

Dwarf Wild Garden Mixture. Pkt. 10 cts.,  $\frac{1}{2}$ oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$ lb. \$1.50, lb. \$5

## GENERAL LIST OF FLOWER SEED

In presenting this list of **Flower Seeds** for your attention, every care has been taken to secure **seeds** from sources of supply known to us, from our experiences and from our tests at our **trial grounds**, to be of the highest possible merit. Our Flower Seeds are selected with an idea of superiority of strain and we handle only the highest possible types in each respective class.

We mail all **Flower Seeds FREE OF COST** to any post office in the United States.

**ANNUALS** grow from seed, flower and mature their seed in same season.

**HARDY ANNUALS** can be sown outdoors in open ground.

**HALF HARDY ANNUALS** should be started early in house or hotbed and transplanted to the open ground as soon as danger of frost is past.

**BIENNIALS.** Sown usually from early July to late August and come to bloom next season.

**HARDY BIENNIALS** may be left in ground over winter.

The following abbreviations will be used to designate the classes under which various flower seeds offered come.

**H.C.** Hardy Climber.

**G.B.** Greenhouse Bulbous Plants.

**G.C.** Greenhouse Climbing Plants.

**G.P.** Greenhouse Plants.

**G.S.** Greenhouse Shrubs.

**ABUTILON, Finest Mixed** (Chinese

Bell Flower, Flowering Maple). G.S. Attractive coolhouse shrub and window plant. Perpetual-blooming plants bearing lovely bell-shaped flowers valuable both for winter decoration and summer bedding. Height 4 feet. Pkt. 25 cts., 1-32 oz. \$1.

**ABRONIA.** Verbena-like plants, very fragrant, especially toward evening. Charming trailers for vases, rock-work, etc. Half-hardy annual.

**Umbellatum.** Rosy pink. Height,  $\frac{3}{4}$  ft. Pkt. 5 cts.

**Arenaria.** Lemon-yellow. Height,  $\frac{3}{4}$  ft. Pkt. 5 cts.

**ABRUS Precatorius** (Prayer Bean, Crab's Eye). Chiefly remarkable for its small egg-shaped seeds, which are of a brilliant scarlet color, with a black mark. These seeds are used for necklaces and other ornamental purposes. Pkt. 10 cts.

**ACACIA.** Decorative greenhouse shrubs with elegant foliage; flowers yellow, white or red. 3 to 6 feet. Perennial.

**Mixed Varieties** Pkt. 5 cts.

Achillea

**Ptarmica, The Pearl** (Sneezewort). Hardy perennial. One of the best, bears a profusion of small, double, white flowers during the entire season. Fine for cutting. Height 2 $\frac{1}{2}$  feet. Pkt. 25 cts.,  $\frac{1}{2}$  oz. \$2.

**ACONITUM** (Aconite, Monkshood, Wolfsbane). Hardy perennials. Showy spikes of hood-shaped flowers. 4 feet. June to Sept.

**Napellus.** Blue. Pkt. 10 cts., oz. 75 cts.

**Finest Mixed.** All colors. Pkt. 10 cts., oz. 75 cts.

Ageratum Mexicanum

Half-hardy annual, used very extensively for edging beds of Coleus, Cannas or Geraniums. Blooms continuously all summer.

**Album.** White. Pkt. 5 cts., oz. 25c.

**Tom Thumb, Blue.** Pkt. 5c., oz. 50c.

**Tom Thumb, White.** Pkt. 5 cts., oz. 50 cts.

**Tom Thumb, Princess Pauline.** Sky-blue, white center. Pkt. 10 cts., oz. 75 cts.

**Little Dorrit.** Blue. 6 inches. Pkt. 10 cts., oz. 75 cts.

**Little Dorrit.** White. 6 inches. Pkt. 10 cts., oz. 75 cts.

**Swanley Blue.** Pkt. 10c., oz. 75c.



Ageratum Mexicanum, Princess Pauline

**HALF HARDY BIENNIALS.** Protection of coldframe is necessary over winter.

**PERENNIALS.** Grow from seed and usually flower annually for a number of years. Bloom season after which seed is sown; but can be had in flower first season if planted early in a moderate heat.

**HARDY PERENNIALS.** Can be left in open ground without any protection, but this is not necessarily recommended.

**HALF HARDY PERENNIALS.** Require protection of coldframe or greenhouse during winter.

Ageratum, Little Blue Star

A handsome new variety, quite different from all the other dwarf sorts. Grows about 5 inches high, and is just covered with bright blue flowers. Pkt. 25 cts.

**ACROCLINTIUM album fl. pl.** Hardy annual, with everlasting flowers. Good for cutting. Like all straw flowers, should be dried thoroughly before used. Flowers double white. 1 foot. July to October. Pkt. 5 cts., oz. 25 cts.

**Roseum.** Single pink. Pkt. 5 cts., oz. 25 cts.

**Fl. Pl.** Double pink. Pkt. 5 cts., oz. 25 cts.

**ADONIS aestivalis** (Pheasant's Eye). Hardy annual. Dark green foliage; scarlet flowers. 1 foot. June to August. Pkt. 5 cts., oz. 25 cts.

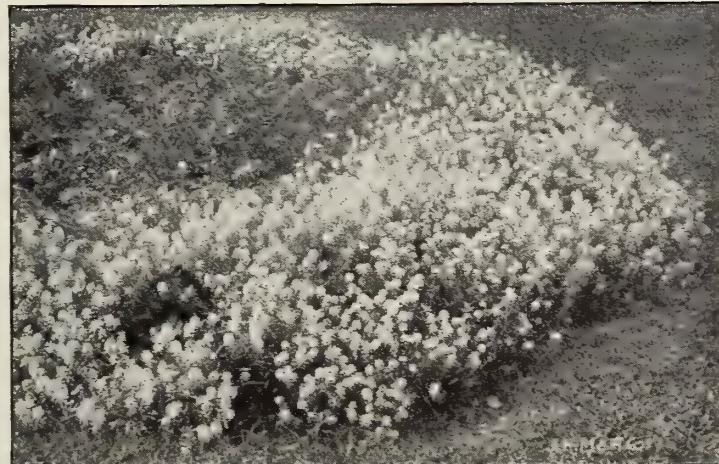
**Autumnalis** (Flos Adonis). Small, crimson flowers, with dark center; globose. 1 foot. May to July. Pkt. 5 cts., oz. 25 cts.

**Vernalis** (Spring Adonis). Hardy perennial, with large yellow flowers in the early spring. Foliage finely cut. Height 1 foot. May. Pkt. 10 cts., oz. 75 cts.

**AGROSTEMMA Celi-rosa** (Rose of Heaven). Superb free-flowering hardy annual, rose-colored flowers; fine for cutting. Height 1 $\frac{1}{2}$  feet. July to September. Pkt. 5 cts., oz. 25 cts.

**Coronaria** (Rose Campion, Mullein Pink). Hardy perennial; flowers dark blood-red and very large; foliage silvery. Height 2 feet. June to September. Pkt. 5 cts., oz. 50 cts.

**Flos-Jovis** (Jove Flower). Hardy perennial; showy, with bright pink flowers. Height 15 inches. July. Pkt. 10 cts., oz. 75 cts.



Sweet Alyssum, White Carpet

Alyssum

This most popular hardy annual needs little introduction. Used extensively as a border for flower-garden, but equally valuable as a cut-flower, owing to its delightful fragrance.

**Benthami** (Sweet Alyssum). Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{2}$  lb. \$1.

**Benthami Compactum.** Pkt. 5 cts., oz. 50 cts.

**White Carpet** (*A. compactum procumbens*). Pure white; grows only 2 to 3 inches high and flowers profusely. Pkt. 10 cts., oz. \$1.

**Saxatile compactum** (Hardy Perennial). Excellent rock or border plant, bearing bright yellow flowers from April to June. Height 9 in. Pkt. 10 cts., oz. 60c.

**ALOYSIA citriodora** (Lemon Verbena). A greenhouse shrub, valuable for the fragrance of the foliage. 2 feet. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

**ALSTROEMERIA, Finest Mixed.** Hardy perennial. Beautiful lily-like flowers, borne in clusters ranging from light yellow to orange. Height 3 feet. June to August. Must be grown in moist, shady spots. Pkt. 25 cts.,  $\frac{1}{4}$  oz. 75 cts.

**AMARANTUS.** Fine ornamental-leaved foliage plants; invaluable for bedding; their foliage running into scarlet, crimson, yellow, variegated, etc. Hardy annual.

**Tricolor** (Joseph's Coat). Pkt. 5 cts., oz. 30 cts.

**Tricolor, Mixed.** Pkt. 5 cts., oz. 30 cts.

**AMPELOPSIS Veitchii** (Boston, or Japan Ivy). Valuable, hardy and perennial climber, clinging to the walls of wood, brick or stone; foliage dense, of glossy green, changing to red and yellow in the autumn. Pkt. 10 cts., oz. 30 cts.

**ANCHUSA Barrelieri** (Alkanet). Hardy perennial. Flowers deep blue, with a white tube and pink throat, borne on spikes 2 feet high, good for cutting. June to September. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 30 cts.

**capensis.** Biennial. Flowers azure-blue. 1  $\frac{1}{2}$  feet. July and August. Pkt. 5 cts., oz. 30 cts.

**Italica.** Hardy perennial. Deep blue. 3 feet. June to September. Pkt. 5 cts., oz. 50 cts.

**Italica, "Dropmore Variety."** New. The bright blue forget-me-not-like flowers are borne on graceful stems during the entire season and way late into the fall. It is a great improvement over the existing varieties. Hardy perennial. 4 to 5 feet. Pkt. 20 cts.

**semperflorens.** Hardy perennial. Rich blue. 1  $\frac{1}{2}$  feet. May. Pkt. 5c., oz. 50c.

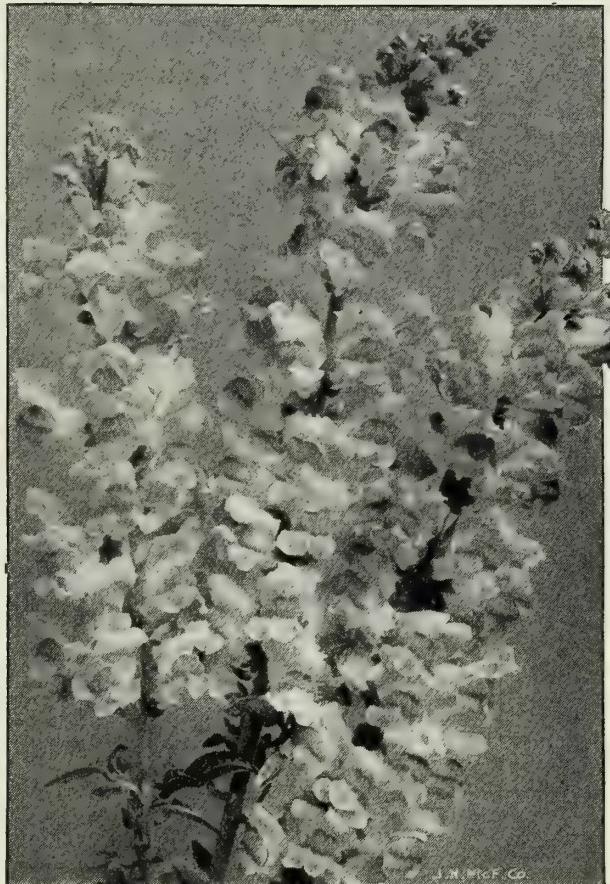
**ANEMONE, Single Giant de Caen** (Windflower). The giant French Anemone. Half-hardy perennial. Excellent for cutting. Cup-shaped flowers in blue, red and white. May and June. 9 in. Pkt. 5c.,  $\frac{1}{4}$  oz. 50c.

**St. Brigid** (Irish Anemone). Enormous blooms the size of tulips, with great variety of striking colors. Pkt. 15 cts.,  $\frac{1}{8}$  oz. \$1.

**ANTHEMIS Kelwayi** (Marguerite). Hardy perennial. Large daisy-like yellow flowers, good for cutting. Height 2 feet. July to September. Pkt. 10 cts., oz. 60 cts.

**Nobilis.** White. 2 feet. Pkt. 10 cts., oz. 60 cts.

**ANTHERICUM Liliago** (St. Bernard's Lily). Stately hardy perennial, with pure white lily-like flowers. Height 2 feet. May to August. Pkt. 10 cts., oz. 60 cts.



Giant-flowered Antirrhinums

## ANTIRRHINUM (Snapdragon)

Antirrhinums, or Snapdragons, are among the most showy of our half-hardy perennials. When sown under glass in February, they can be brought to bloom during July. As a cut-flower, the tall varieties are exceedingly attractive, while the dwarf varieties look very pleasing when used for borders or edging of beds; grown under glass, also for winter flowering.

### S. & W. Co.'s Giant-flowered Antirrhinums

Height about 3 feet Pkt.  $\frac{1}{4}$  oz.

<b>Coral-Red.</b>	A pretty and attractive shade.....	\$0 10	$\frac{1}{4}$ oz.	\$0 35
<b>Blood-Red.</b>	Striking in color.....	10		35
<b>Carmine-Rose.</b>	Carmine; yellow blotch on lower lip.....	15		60
<b>Chamois.</b>	Very handsome new color.....	15		75
<b>Album.</b>	Very large; white.....	15		40
<b>Luteum.</b>	Pure yellow.....	10		35
<b>Rose Dore.</b>	A pretty shade of self salmon-rose.....	15		40
<b>Fairy Queen.</b>	Rich salmon, white throat.....	10		35
<b>Queen Victoria.</b>	A very large white.....	10		35
<b>Scarlet.</b>	Very attractive.....	10		35
<b>Special Mixture, Named Sorts.</b>	oz. 75c... 05.			25
<b>COLLECTION.</b>	Ten named varieties.....		\$1 00	
	Five named varieties.....		50	

### S. & W. Co.'s Semi-dwarf Antirrhinums

	Height about 18 inches	Pkt.	$\frac{1}{4}$ oz.
<b>Black Prince.</b>	Dark crimson; foliage dark.....	\$0 10	\$0 50
<b>Crimson King.</b>	Bright crimson.....	10	50
<b>Golden Queen.</b>	Rich yellow.....	10	35
<b>Pink Empress.</b>	Deep rosy pink.....	10	40
<b>Queen of the North.</b>	White; excellent bedding variety.....	10	35
<b>Striatum.</b>	Very fine striped.....	10	35
<b>Special Mixture, Named Sorts</b>	oz., 75c... 05		25

**COLLECTION.** Six named varieties ..... \$0 50

### S. & W. Co.'s Dwarf Antirrhinums

	Height about 12 inches	Pkt.	$\frac{1}{4}$ oz.
<b>Dwarf White</b> .....	.....	\$0 15	\$0 50
" Scarlet .....	.....	15	50

<b>Dwarf Yellow</b> .....	.....	15	50
" Orange .....	.....	15	50
" Rose .....	.....	15	50
" Striped .....	.....	15	50
<b>Mixture, Named Sorts</b> .....	10		25

**COLLECTION**

Six named varieties ..... \$0 50

## AQUILEGIA (Columbine)

### S. & W. Co.'s Giant Long-spurred Strain

The Aquilegias are fine, free-flowering, hardy border plants. No garden should be without them. Hardy perennials.

**California.** Yellow. 2 feet. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.25.

**Chrysanthia.** Purple yellow. 3 feet. Pkt. 10 cts.,  $\frac{1}{4}$  oz., \$1.

**Cœrulea.** Pale blue. 3 feet. Pkt. 25 cts.,  $\frac{1}{4}$  oz. \$1.25.

**Rose Queen.** Rose. 3 feet. Pkt. 25 cts.

**Skinneri.** Scarlet and green. 2  $\frac{1}{2}$  feet. Pkt. 25 cts.

**Stuartii.** Pale blue. 2 feet. Pkt. 50 cts.

**Double Mixed.** Very fine. 3 feet. Pkt. 10 cts.

**Single Mixed.** Very fine. 3 feet. Pkt. 10 cts.

**ARCTOTIS grandis.** Half-hardy perennial; excellent for border. Pkt. 10c.,  $\frac{1}{4}$  oz. 50 cts.

**ARDISIA crenulata.** Greenhouse shrub, bearing bright coral berries. Pkt. 25 cts.

**ARTEMISIA argentea** (Old Man). Hardy perennial. 1 foot. Pkt. 5 cts.

**ARISTOLOCHIA siphon.** (Dutchman's Pipe Vine). A very attractive and highly ornamental climber, with flowers resembling the pitcher plant. Pkt. 10 cts.

**ASCLEPIAS tuberosa** (Butterfly Weed, Milkweed). Hardy perennial. Brilliant orange and yellow flowers in flat-topped, terminal clusters; leaves lanceolate, shiny, olive-green. Dry soil. 2 feet. June to September. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Halli.** New. Pure white. Pkt. 25 cts.,  $\frac{1}{8}$  oz. 75 cts.

**ASPARAGUS plumosus nanus.** A graceful pot-plant for either house or conservatory. Very finely cut foliage. Pkt. 25 cts., 100 seeds \$1.

**Sprengeri.** Drooping foliage, adapted for hanging-baskets or cutting. Pkt. 25 cts., oz. 75 cts.

**ASPHODELUS albus** (Asphodel; King's Spear). Hardy perennial. Stately spikes of pure white flowers. Grows best on sandy soil. 4 to 5 feet. July and August. Pkt. 25 cts.,  $\frac{1}{4}$  oz. \$1.50.

**luteus.** Yellow, sweet-scented. 4 feet. June to July. Pkt. 10 cts., oz. \$1.50.

## S. & W. Co.'s Asters Superlative

Plants may be obtained from seed sown in the open ground in May by September; but we recommend all early varieties being planted in coldframes or started in boxes in a sunny window. A goodly share of blooms may be obtained by sowing earlier varieties in this manner, and in order to prolong the blooming season we suggest growing Queen of the Market as an early variety, Comets for intermediate, and Branching and Hohenzollern for late.

### Superlative Strain, Queen of the Market

We recommend starting seed of this positively meritorious strain very early in January.

	Pkt.	$\frac{1}{4}$ oz.	Oz.
<b>Extra Early White</b>	\$0 05	\$0 50	\$1 50
" " Crimson	05	50	1 50
" " Rose	05	50	1 50
" " Dark Blue	05	50	1 50
" " Light Blue	05	50	1 50
" " Flesh-Color	05	50	1 50
" " Pink	05	50	1 50
" " Scarlet	05	50	1 50
" " Red-Lilac	05	50	1 50
" Finest Mixed	05	35	1 25

### S. & W. Co.'s Late Branching Asters

This exceptionally fine Aster is without a rival. It is as well known in Europe as in America, and although we placed it on the market only a few years ago today every florist has a fine stock of the flowers in his window just before the chrysanthemum comes in; and it is often mistaken for the chrysanthemum, which it so much resembles. The flowers are of extraordinary size—much larger than other varieties—and stand erect on long, graceful stems, well above the foliage; flower-stems 15 to 20 inches long.

Grand for cutting. Plants extra large and of strong growth; one plant will cover a space 2½ feet square. By far the most satisfactory Aster grown.

	Pkt.	$\frac{1}{4}$ oz.
<b>Pure White</b>	\$0 10	\$0 50
Rose Pink	10	50
Purple	10	50
Carmine	10	50

	Pkt.	$\frac{1}{4}$ oz.
<b>Shell Pink</b>	\$0 10	\$0 50
Lavender	10	50
Crimson	10	50
Mixed	10	50

Any of the above, \$1.50 per oz.

### Aster, Hohenzollern

#### THE NEW, EARLY-FLOWERING, OSTRICH FEATHER ASTER

This is the finest of all the early-flowering Asters; the plants grow tall and branching, bearing flowers of mammoth size on exceedingly heavy, long stems. Many stems have measured 18 to 24 inches in length. The flowers are of the finest and purest colors, measuring 6 to 8 inches in diameter, and rivaling the finest chrysanthemums. A great improvement in Asters; as a cut-flower it is ahead of anything we have ever seen.

	Pkt.	500 seeds
<b>White</b>	\$0 15	\$0 50
Dark Blue	15	50
Syringa Blue	25	1 00

	Pkt.	500 seeds
<b>Rose</b>	\$0 15	\$0 50
Crown Prince	15	50
Mixed	10	25

	Pkt.	$\frac{1}{4}$ oz.
<b>SEMPLE'S BRANCHING</b>	\$0 10	\$1 00
Shell Pink	10	1 00
Crimson	10	1 00
White	10	1 00

	Pkt.	$\frac{1}{4}$ oz.
<b>Purple</b>	\$0 10	\$1 00
Lavender	10	1 00
Mixed	10	1 00

#### DWARF CHRYSANTHEMUM-FLOWERED

	Kgt.	$\frac{1}{4}$ oz.
<b>White</b>	\$0 10	\$1 00
Deep Blue	10	1 00
Fiery Scarlet	10	1 00
Light Blue	10	1 00

	Kgt.	$\frac{1}{4}$ oz.
<b>Carmine</b>	\$0 10	\$1 00
Rose	10	1 00
Mixed	10	1 00

	Kgt.	$\frac{1}{4}$ oz.
<b>Snow White</b>	\$0 10	\$1 00
Rose	10	1 00
Light Blue	10	1 00
Lilac	10	1 00
Crimson	10	1 00

	Kgt.	$\frac{1}{4}$ oz.
<b>Scarlet</b>	\$0 10	\$1 00
Yellow	10	1 00
Peach	10	1 00
Mixed	10	1 00



A Planting of S. & W. Co.'s Late Branching Asters



S. & W. Co.'s Hohenzollern Asters

# Selected Asters of Recent Introduction



S. & W. Co.'s Queen of the Market Strain Asters (see page 16)

**Daybreak.** A most beautiful bushy, branching Aster, growing about 2 feet high, with large, double flowers composed of incurved petals almost as regularly placed as in a dahlia. The coloring is an exquisite tint of rosy shell-pink, the flowers are borne upright on stiff, long stems, and the plants in bloom are charming beyond description, and for cutting purposes there is not a finer Aster grown. Pkt. 10 cts.,  $\frac{1}{8}$ oz. \$1., oz. \$3.50.

**Mary Semple.** **Pink Branching.** A beautiful and popular variety of the Branching Aster. The flowers are very large and the color is an exquisite shade of bright pink, very much the color of Enchantress carnation. Stems long and stiff. A grand Aster for cutting purposes, and for shipping has no equal. Pkt. 10 cts.,  $\frac{1}{8}$ oz. 50 cts., oz. \$3.50.

**Crego.** A flower of the Giant Comet type, often measuring from 4 to 5 inches in diameter and resembling large chrysanthemums. They are of strong growth, attaining the height of 3 feet.

	Pkt.	$\frac{1}{8}$ oz.	Pkt.	$\frac{1}{8}$ oz.
White.....	\$0 10	\$0 50	Lavender.....	\$0 10 \$0 50
Rose.....	10	50	Crimson.....	10 50
Light Pink.....	10	50	Mixed.....	10 50

**Purity.** A pure white Aster of great beauty. The plant is of most symmetrical habit, usually growing about 18 inches high. The plants are literally one mass of snow-white flowers of large size, resembling great balls of snow. As a cut-flower variety, Purity is first-class, the stems being long and strong; the plant is of branching habit. This variety is very highly thought of by all florists, and we predict that it will become one of the leading white Asters for florists' use. Pkt. 10 cts.,  $\frac{1}{8}$ oz. 50 cts.

**Single Comet.** This type of Asters have met with considerable demand recently. From a decorative point of view the possibilities are immense; their large blooms often measuring 5 to 6 inches across makes them truly conspicuous.

	Pkt.	$\frac{1}{8}$ oz.	Pkt.	$\frac{1}{8}$ oz.
White.....	\$0 10	\$0 50	Light Blue.....	\$0 10 \$0 50
Light Rose.....	10	50	Dark Blue.....	10 50
Bright Rose.....	10	50	Mixed.....	10 50

**COLLECTION.** One packet each of five varieties. \$0 40

**Victoria.** One of the handsomest varieties, both in size and color. They bloom profusely, and the colors include many extremely delicate and some bright colors. Mixed. Pkt. 10 cts.,  $\frac{1}{8}$ oz. 75 cts., oz. \$3.

**Violet King.** The peer of the grandest chrysanthemum. The habit of Vick's in growth, with long, stiff stems, with luxuriant foliage of the richest green. In form the flower is distinct from any other variety; petals somewhat resemble the quilled varieties, but are much larger and broader, those in the center being fantastically twisted, curled and incurved, completely covering the crown. Season midsummer to frost. In shape and size the bloom is round, full and very large, many of the flowers measuring from 4 to 5 inches in diameter. Its color is a soft violet-lilac. To be appreciated, this handsome Aster must be seen. Pkt. 10 cts.,  $\frac{1}{8}$ oz. 50 cts.

## HARDY PERENNIAL ASTERS (Michaelmas Daisies)

These handsome flowers are very beautiful and easy of culture.

**Alpinus speciosus.** Dark blue. Height 2 ft. July. Pkt. 15c.,  $\frac{1}{8}$ oz. 75 cts.

**Bessarabicus.** Pink. 3 feet. August. Pkt. 10 cts.,  $\frac{1}{8}$ oz. 75 cts.

**Sub-Caeruleus.** Large flowers, 3 inches across; very striking, bold orange-yellow center. 2 feet. Pkt. 25 cts.,  $\frac{1}{8}$ oz. \$1.25.

**ASPERULA odorata** (Sweet Woodruff). Hardy perennial. Hand-some creeping plant, with deep green whorled foliage and pretty white flowers. Especially useful for carpeting in shady situations. 6 inches. June and July. Pkt. 10 cts., oz. 80 cts.

**BABY'S BREATH...** See *Gypsophila*.

**BACHELOR'S BUTTON.** See *Centaurea*.

**BALLOON VINE.** Annual climber. Flowers white; seed-vessels like small balloons; pretty foliage; grows rapidly. 8 feet. Pkt. 5 cts., oz. 25 cts.

**BAPTISIA australis** (False Indigo). Hardy perennial. Free-growing plant, with deep green cut foliage and lupine-like dark blue flowers in long racemes. 3 feet. June and July. Pkt. 5 cts., oz. 30 cts.

**BARTONIA aurea.** Hardy annual. Very bright golden flowers from July to September. Fine for cutting. 1 foot. Pkt. 5 cts., oz. 25 cts.

**N. B.—Many of our Asters are home-grown by an Aster seed specialist. Every attention is given to see that all seed is of best possible quality in each of their respective types.**



Hardy Perennial Asters

# STUMPP & WALTER CO.'S STERLING SEEDS

## Balsam (Lady's Slipper)

A very pretty hardy annual, preferring a sunny location, often attaining a height of 2 feet.

	Pkt.	Oz.		Pkt.	Oz.
<b>Double Rose</b>	\$0 10	\$1 00	<b>Double Carmine</b>	\$0 10	\$1 00
" <b>White</b>	10	1 00	" <b>Scarlet</b>	10	1 00
" <b>Lavender</b>	10	1 00	" <b>Finest Mixed</b>	10	1 00
" <b>Yellow</b>	10	1 00			

<b>Double Carmine</b>	\$0 10	\$1 00
" <b>Scarlet</b>	10	1 00
" <b>Finest Mixed</b>	10	1 00

**BEAN, Scarlet Runner.** The well-known rapid-growing annual climber, with bright red flowers from July to September. Fruit is a most delicious vegetable. 8 feet. Pkt. 5 cts., qt. 40 cts.

**BELLIS** (Double Daisy). The poet's favorite, and one of the most charming spring flowers. Hardy perennial.  $\frac{1}{2}$  foot.

	Pkt.
<b>Large Flowering Red</b>	\$0 25
<b>Double Red Quilled</b>	25
<b>Longfellow</b> . Large, double pink..	10

## Begonia

For the greenhouse, parlor or garden. The graceful pendulous flowers of this beautiful class render them most desirable; but with added beauty in their glossy waxen foliage they are simply superb. They are of easy culture and exceedingly useful. Half-hardy perennials. 1 foot.

**Tuberous-Rooted.** Single mixed. Pkt. 25 cts.

**Tuberous-Rooted.** Double mixed. Pkt. 50 cts.

**Vernon.** Superb variety; flowers brilliant rich red, which are set off perfectly by the abundant glossy green leaves, broadly margined with bronze and purple. Extremely hardy and floriferous. Seed sown in spring will produce blooming plants early in the summer. Pkt. 10 cts.

**Semperflorens alba.** Pkt. 10 cts.

" **Rose.** Pkt. 10 cts.

" **Erfordii.** Rosy carmine, free bloomer; excellent for groups. Pkt. 25c.

**BRACHYCOME** (Swan River Daisy). A charming dwarf plant of easy culture, covered with a beautiful mass of Cineraria-like flowers. Half-hardy annual.

**Iberidifolia.** Blue and white.  $\frac{1}{2}$  foot. Pkt. 5 cts.



Carter's Prize Strain Calceolaria

## BROWALLIA

Handsome annuals, with blue or white flowers completely studing the bushy plants the entire summer.  $1\frac{1}{2}$  ft.

**Nana compacta.**

Blue. Dwarf and compact. Pkt. 10c.

**Speciosa major.** Individual flowers are fully 1 inch across, of rich indigo-blue. 1 foot. Bushy. Pkt. 10 cts.

**Mixed Colors.** Pkt. 5 cts.



S. & W. Co.'s Rose Balsam

## Calceolaria (G. P.)

Ornamental greenhouse plants bearing numerous pocket-like flowers of brilliant self-colors and handsomely spotted. The strains offered herewith are grown by a famous English seed-growing specialist and are the finest in existence.

**James' Giant Strain.** Pkt. 50 cts.

**Carter's Prize Strain.** Pkt. 50 cts.

**Rugosa.** Shrubby, for bedding. Pkt. 50c

**CACALIA coccinea** (Tassel Flower).

Attractive hardy annual, with bright red tassel-like flowers. July to October.  $1\frac{1}{2}$  ft. Pkt. 5 cts., oz. 40c.



## Calliopsis (Coreopsis)

This genus embraces a very useful and brilliant class of hardy annuals. The flowers are of every shade of yellow, orange and reddish brown; useful for bed.

**Drummond, or Golden Wave.** Uniform orange-yellow; extra fine. 1 foot. Pkt. 5 cts.

**Tinctoria marmorata.** Marbled yellow and brown. 2 feet. Pkt. 5 cts., oz. 30 cts.

**Coronata.** Rich yellow, slightly spotted with red. Pkt. 5 cts.

**Tall Mixed.** Pkt. 5 cts.

**Dwarf Mixed.** Pkt. 5 cts.

**CALENDULA** (Pot Marigold). Very showy, free-flowering plants; very effective in beds or mixed borders. Hardy annuals.

**Meteor.** Double yellow, striped with orange. Pkt. 5 cts., oz. 25 cts.

**Prince of Orange.** Similar to Meteor, but much darker. Pkt. 5 cts., oz. 25 cts.

**Sulphurea fl. pl.** Pkt. 5 cts., oz. 40 cts.

## PERENNIAL VARIETIES

**Calliopsis grandiflora.** Hardy perennial. Deep golden yellow flowers on fine stems for cutting. Cup-shaped flowers and glabrous leaves. 2 feet. All summer. Pkt. 10 cts., oz. 50 cts.

**Calliopsis lanceolata grandiflora.** Same as above except that the foliage is lanced. Pkt. 10 cts., oz. \$1.

## CAMPANULA (Bellflower)

### PERENNIAL VARIETIES

Very beautiful, hardy, herbaceous perennial, bearing a great profusion of attractive Bellflowers; thrives best in light, rich soil; some of the varieties flower first season if sown early.

**Carpatica.** Deep blue; fine for beds; grows six inches high; flowers all summer. Pkt. 10 cts., oz. 60 cts.

**Carpatica alba.** White. Pkt. 10 cts., oz. 60 cts.

**Persicifolia grandiflora, Blue.** A very pretty perennial variety; flowers very large. June and July. Pkt. 25 cts.

**Persicifolia grandiflora alba.** White. June and July. Pkt. 25 cts.

**Persicifolia fl. pl., Moerheimi.** New. A grand acquisition for garden; long spikes of double white flowers. Pkt. 50 cts.

**Persicifolia, Fairy Queen.** The finest colored bluebell. Rich, azure-blue; flower very large. Pkt. 25 cts.

**Persicifolia pyramidalis** (Chimney Bellflower). Spikes 3 to 4 feet tall; erect, pyramidal flowers; large and of beautiful blue. Pkt. 10 cts.



Campanula (Bellflower)

### BIENNIAL VARIETIES

#### Campanula Medium.

	Pkt.	Oz.		Pkt.	Oz.
<b>Medium Single White</b>	\$0 05	\$0 40	<b>Medium Double Blue</b>	\$0 10	
" " Rose	95	35	" " White	10	
" " Striped	10	40	" " Rose	10	
" " Mixed	05	30	" " Mixed	10	

#### CAMPANULA CALYCANTHENA (Cup - and - Saucer)

	Pkt.		Pkt.	
<b>Blue</b>	\$0 10		<b>Striped</b>	\$0 10
<b>White</b>	10		<b>Splendid Mixed</b>	10
<b>Rose</b>	10			

### ANNUAL VARIETIES

**Macrostyla.** Large violet flowers. Pkt. 10 cts.

**Macrostyla rosea.** Charming variety. Pkt. 10 cts.

**CANARY BIRD FLOWER** (*Tropaeolum*). A rapid-growing summer climbing annual, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings. Pkt. 5 cts., oz. 50 cts.

Many of the Flower Seeds listed in our Catalogue are obtained from the grower direct in England and Germany



S. & W. Co.'s Giant Hyacinth-flowered Candytuft

## CANDYTUFT (Iberis)

### HARDY ANNUALS

The Candytuft is almost as fragrant as the sweet alyssum and very popular. Very useful as a bedding plant or for border work. Sow outdoors in April, where they are to bloom, and thin well when the plants grow about 1 inch. Sow also in July for fall blooming. Where grown in rows best results for cut-flowers can be obtained only by giving the plants at least a foot apart in the rows and 1 1/2 feet between the rows; when so treated, large spikes may be had.

#### S. & W. Co.'s Giant Hyacinth-flowered.

Immense white spikes; largely grown for cut-flowers. Pkt. 25 cts., oz. \$3.

**Empress.** Also grown to a great extent for cut-flowers. Pkt. 10 cts., oz. \$1.

**White Rocket.** Large trusses. 1 foot. Pkt. 5 cts., oz. 35 cts.

**Pink Beauty.** New. Fine pink. 1 foot. Pkt. 15 cts., oz. \$1.50.

**Lilacina.** Lilac. 1 foot. Pkt. 5 cts., oz. 25 cts.

**Purple.** Purple. 1 foot. Pkt. 5 cts., oz. 25 cts.

### PERENNIAL VARIETIES

A very early-flowering variety; largely used in the hardy border. Foliage exceedingly pleasing in color and very decorative.

**Gibraltarica.** White, shaded pink. Pkt. 25 cts.

**Sempervirens.** Pure white flowers; evergreen foliage. Pkt. 10 cts.

## CARNATION

These well-known favorites are highly prized for the delicious perfume of their flowers, grown in pots or in the open ground. No flowers can be finer or more worthy of cultivation. The Marguerite Carnation will bloom in four months from the time of sowing. The flowers are of magnificent colors, ranging through many shades of pink, red, white and variegated. Hardy perennials.

**Earliest French Chabaud Carnation.** New hardy class, combining the perfection of flowers of the perennials with the earliness of Marguerite Carnations, blooming seven months after being sown. Pkt. 25 cts.

**Benary's Non Plus Ultra Border Carnation.** Finest mixed. Saved from flowers of finest quality only. Pkt. 25 cts.

**Perpetual, or Tree.** Upright growth and branching habit, flowering several times during the season. 2 feet. Pkt. 10 cts.

**Early Dwarf Vienna.** Flowers very early; extra fine. Pkt. 10 cts.

**GIANT MARGUERITE.** Without exception these are the most abundant bloomers of all the Carnation Pinks. Flowers are of brilliant colors, ranging through many beautiful shades of red, pink, white, variegated, etc. Perfect form, large size. Sown in spring, commence flowering in early summer, and continue to bloom in lavish profusion until checked by frost. Finest mixed. Pkt. 10 cts., 1/4oz. \$1, oz. \$3.

## CASTOR-OIL PLANT (Ricinus)

The Ricinus are tall, stately growing plants of tropical appearance; their luxuriant foliage renders them exceedingly ornamental. They are free-growing, tender annuals of easy cultivation. Half-hardy annuals.

<b>Africanus.</b> Very large green foliage	Pkt.	\$0 05
<b>Zanzibarensis.</b> New Giant Castor Oil Plant from Africa		10
<b>Borboniensis arboreus.</b> Large and handsome green foliage. 15 feet.		05
<b>Communis</b> (Castor Oil Plant). Green foliage. 6 feet.		05
<b>Gibsonii.</b> Dark, purplish red foliage. 6 feet.		05
<b>Cambodgensis.</b> Leaves bronzy maroon, with red veins; stems black.		05
<b>Duchess of Edinburgh.</b> Dark red foliage. 6 feet.		05
<b>Gibsonii Mirabilis.</b> Dwarf, compact; very fine.		05
<b>Sanguineus.</b> Tricolor, red spotted; fruit in clusters; red foliage. 10 feet.		05
<b>Mixed</b> .....	lb. \$1, oz. 15 cts.	05

## Celosia cristata (Cockscomb)

Free-blooming annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or may be sown outdoors in May. If dwarf growth is desired do not crowd.

<b>Empress.</b> Rich crimson. 1 foot. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.
<b>Glasgow Prize.</b> Dark crimson. 1 foot. Pkt. 5 cts., $\frac{1}{4}$ oz. 30 cts.
<b>Dwarf Mixed.</b> 1 foot. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

## Celosia plumosa

(Feathered Cockscomb)

### Ostrich Plumed Crimson.

2 feet. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Ostrich-Plumed, Yellow.** 2 feet. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Ostrich-Plumed, Mixed.** 2 feet. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.



Celosia Thompsoni magnifica (Improved Strain)

## Celosia Thompsoni magnifica (Improved Strain)

**Thompsoni magnifica, Yellow.** 2 feet. Pkt. 25 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Thompsoni magnifica, Pink.** 2 feet. Pkt. 25 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Thompsoni magnifica, Crimson.** 2 feet. Pkt. 25 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Thompsoni magnifica, Mixed.** 2 feet. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 50 cts.



## CENTAUREA

### DUSTY MILLER TYPES

These are grown for foliage only and make excellent plants for edgings. They are lanced and are silver-coated.

are hardy annuals and grow rapidly. The leaves are very

**Centaurea candidissima.** Thick, white leaves. 1 foot. Pkt. 10 cts.,  $\frac{1}{8}$  oz. 75c.

**Centaurea gymnocarpa.** Fine, fern-like leaves, very graceful and showy. 1 foot.

Pkt. 10 cts., oz. 80 cts.

## Cornflower (Bachelor's Button) Centaurea cyanus

A very popular annual, doing very well in almost any soil. Seed may be sown in fall or spring. When large flowers are wanted, plants should be thinned out to a space of say 8 square inches.

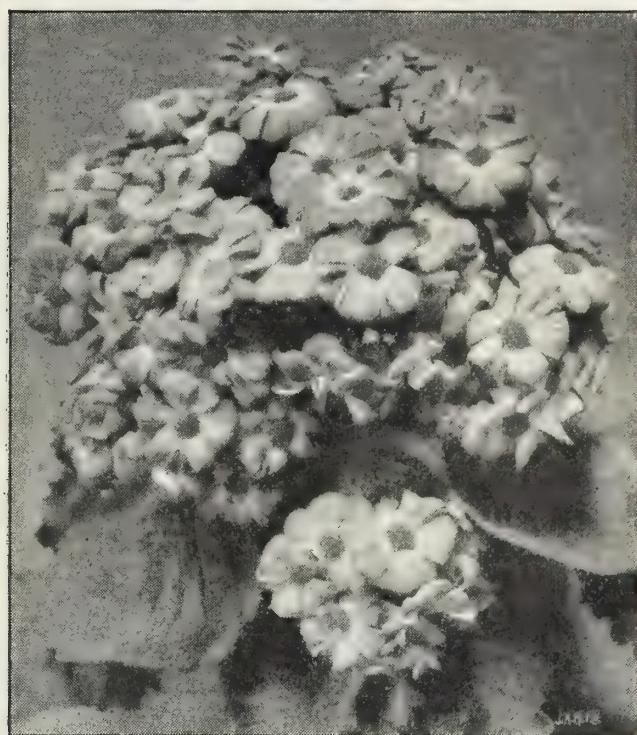
	Pkt.	Oz.
<b>Cyanus, Emperor William.</b> 1 $\frac{1}{2}$ feet.....	\$0 05	\$0 25
" Rose. 1 $\frac{1}{2}$ feet.....	05	25
" White. 1 $\frac{1}{2}$ feet.....	05	25
" Victoria. A very dwarf mixture, used for border or pots; grows 8 inches high.....	15	1 00
" Single Mixed.....	05	25

## Cyanus, Double Emperor William.

blue; excellent for cutting. 2 feet..... 15 1 00

**Giant Sweet Sultan (*Centaurea imperialis*)**

	Pkt.	Oz.
<b>Centaurea Imperialis, Pure White.</b> 2 feet.....	\$0 10	\$1 00
<b>Imperialis Armida.</b> Pink, white tinge. 2 feet.....	10	1 00
" <i>purpurea</i> . Brilliant purple-rose. 2 feet..	10	1 00
" <i>rosea</i> . Deep rose. 2 feet .....	10	1 00
" <i>Lilacina</i> . Lilac. 2 feet .....	10	75
<b>CENTAUREA Moschatus (Sweet Sultan).</b>		
<b>Moschatus-Moschatus.</b> Blue. 1½ feet. Identical in color to Emperor William in the regular Bachelor Button types.....	05	30
<b>Moschatus, White</b> .....	05	30
" <i>Mixed</i> .....	05	25
" <i>Yellow</i> (Suaveolens).....	05	60
<b>CENTAUREA, Marguerite (Giant White Cornflower).</b> Flowers 4 inches across, purest white and very fra- grant. July to September.....	10	1 00
<b>CENTAUREA odorata, Chameleon.</b> Large flowers of pale sulphur-yellow, changing to rosy lilac. Hardy annual .....	10	2 00



Cineraria hybrida grandiflora

**Cineraria**

Magnificent and indispensable flowering plants for spring decoration for the conservatory or window garden. The flowers, measuring 2 to 3 inches across, are of white, blue, violet and crimson shades, covering the plant with a sheet of bloom. Seeds should be sown in July, may be sown also later, but to get in fine shape for spring display, July is best month.

<b>S. &amp; W. Co.'s Giant Strain, Mixed</b> .....	Pkt.	\$0 50
<b>Hybrida grandiflora, Mixed</b> .....		50
"    " <i>White</i> .....		50
"    " <i>Flesh</i> .....		50
"    " <i>Rich Crimson</i> .....		50
"    " <i>Rose</i> .....		50
"    " <i>New Blood-Red</i> .....		50

**COLLECTION.** One packet each of the six varieties. \$2 50  
The preceding very large-flowered strains are unsurpassed for richness of color and perfection of form.

**S. & W. Co.'s Stellata.** Delicate star-like blooms are borne in great profusion on long stems, giving this variety a double use, as it is excellent for cutting as well as decorative purposes; all shades. Pkt. 50 cts.

**CINERARIA maritima** (Dusty Miller). Half-hardy perennial; very useful for bedding or edging. Pkt. 10 cts.

**CHRYSANTHEMUM**

**ANNUAL**

	Pkt.	Oz.
<b>Single, Finest Mixed</b> .....	\$0 05	\$0 30
<b>Double, Finest Mixed</b> .....	05	40
<b>Single, Beaconsfield.</b> White, pink center.....	05	40
" <i>The Sultan</i> . Deep scarlet.....	05	40
" <i>Burridgeanum tricolor</i> . White with crimson ring.....	05	40
" <i>Chameleon</i> . New. Brown, with yellow.....	10	50
" <i>Eclipse</i> . Yellow, crimson ring.....	05	40
<b>Double-Fringed Mixed.</b> This is a most graceful flower.	10	1 25

**PERENNIAL**

<b>Japanese Early-flowering</b> (Double-flowering). These flower in the open ground from August to November. Splendid plants for show effect. 3 feet.....	25
<b>Maximum</b> (Hardy White Daisy). Large flowers, per- fectly hardy. 3 feet. July to October.....	10
<b>Maximum leucanthemum</b> (Common Shasta Daisy). Pure white, very large. 3 ft. July to Oct. ... 1/8oz. 50c.	10
<b>Uliginosum</b> (Giant Daisy). One of the best late-bloom- ing perennials from Russia. Stout, upright plants, with pure white flowers. 5 ft. August to October... 1/8oz. \$1..	25

**Chelone (Turtle Head) HP**

	Pkt.	Oz.
<b>Barbata coccinea</b> . 3 feet. Red. Summer.....	\$0 10	
<b>Barbata Torreyi</b> . 3 feet. Coral-red. Summer.....	10	
<b>Lyonii</b> . 2 feet. Deep red. Summer.....	10	

**Clarkia elegans**

A mighty handsome annual, which should be far more widely known. It is of easy cultivation, graceful in habit of growth and lends itself as well to bedding as for cutting. The flowers are borne all along the stems and resemble carnations to quite an extent. 1 ft. July to October.

	Pkt.	Oz.
<b>Single Rose</b> .....	\$0 05	\$0 30
" <i>White</i> .....	05	30
" <i>Mixed</i> .....	05	25
<b>Double Salmon Queen</b> .....	10	50
" <i>White King</i> .....	10	50
" <i>Rose</i> .....	10	50
" <i>Finest Mixed</i> .....	10	40

**CLEMATIS** (Virgin's Bower). Beautiful ornamental plants, fine for covering trellises or making a screen. Seeds vegetate only after an interval of several months, when they will grow with tolerable certainty. Hardy perennial.

**Jackmani Varieties.** Seed saved from best-named varieties. Pkt. 10 cts.

**CLERODENDRON fallax.** Handsome, erect-growing greenhouse plants; large spikes of fiery scarlet bloom.

**COBÆA.** A fine, quick-growing, climbing plant, bearing large, bell-shaped flowers. Hardy annual.

	Pkt.	Oz.
<b>Scandens</b> . Deep violet.....	\$0 10	\$1 00
<b>Scandens alba</b> . White.....	10	

**Coleus, S. & W. Co.'s Exhibition Strain Mixed**

Pkt. 20 cts.

**CONVOLVULUS (Morning-Glory)**

These well-known favorites ought to be in every garden. Nothing can be finer for color than a bed of these.

	Pkt.	Oz.
<b>Dwarf Bedding Variety.</b> Mixed.....	\$0 05	\$0 20
<b>Tall, or Climbing Variety.</b> Mixed.....	05	20

**Giant Imperial Japanese Morning-Glories**

A magnificent advance on the old-fashioned Morning Glories. The enormous flowers, exquisite colors and beautiful foliage make them, without doubt, the most beautiful climbers in existence.

	Pkt.	Oz.
<b>Japanese Mixed</b> .....	1/4lb. 50 cts...	\$0 10 \$0 25
<b>Fancy Mixed</b> .....	1/4lb. \$1.50..	10 50



S. & W. Co.'s Giant Fancy Cosmos

## COSMOS

This is one of the notable fall flowers, the specialist's skill having recently added much to its beauty. A strong, tall-growing annual, its bold flowers have yet an exquisite daintiness and airiness, heightened in effect by their foliage-setting of feathery green. It is most effective when planted in broad masses, or long background borders against evergreens or fences. From seed started early in the house or frame, the plants will be 3 or 4 feet high by July, tossing into the air a perfect storm of bright-colored, daisy-like flowers, fine for cutting. If topped when half-grown, the plants will bloom much earlier, the check seeming to induce immediate flowering. We offer only the choice large-flowering strains. For early flowering, start indoors and transplant into dry, sandy, or poor soil, in a sunny situation.

**Mammoth Perfection.** The flowers are double the size of the old Cosmos; the petals are broader, forming a perfectly round flower. The long stems and feathery foliage lend themselves to graceful arrangements for bouquets. These plants enliven the garden long after more tender plants have succumbed to early frost.

	Pkt.	Oz.
<b>Mammoth White</b>	\$0 10	
" <b>Pink</b>	10	
" <b>Deep Crimson</b>	10	
" <b>Mixed</b>	10	\$1 00
" <b>Red</b>	10	
<b>Pink Pearl</b>	05	50
<b>White Pearl</b>	05	50
<b>Choice Mixed</b>	05	50

**CIGAR PLANT** (*Cuphea*). With cigar-like shaped flowers, very useful for bedding; free bloomer. Half-hardy perennial.

**Platycentra.** Scarlet and white. Pkt. 10 cts.

**COREOPSIS.** (See *Calliopsis*.)

**CYPRESS VINE** (*Ipomoea Quamoclit*). The most popular of annual climbing plants, with delicate fern-like foliage. Half-hardy annual.

	Pkt.	Oz.		Pkt.	Oz.	
<b>Crimson</b>	\$0 05	\$0 30		<b>Rose</b>	\$0 05	\$0 30
<b>White</b>	05	30		<b>Mixed</b>	05	30

**Giant Rainbow.** A beautiful new departure in Cosmos. Pink, cream, blush, crimson, red, white, etc., which are again striped dotted, suffused, zoned, etc., with other exquisite shades and colors. The flowers are very large, and often with frilled and fringed edges. Pkt. 15 cts., 500 seeds 50 cts.

**Early-Flowering.** This variety comes into flower in July, and continues a mass of bloom until cut down by severe frost, making their successful cultivation possible in the most northerly states and Canada; it is of dwarf, compact growth, growing only 4½ feet high. The flowers are fully as large as in the old type. Mixed. Pkt. 10 cts., 500 seeds 50 cts.

**Giant Fancy.** This strain of Cosmos was raised by a specialist and is a very large-flowering variety. Giant Fancy, white, pink, red or mixed. Pkt. 10 cts., 500 seeds 25 cts.

**Lady Lennox.** Pink. Pkt. 10 cts.

**DAHLIA.** The seed we offer has been saved from a superb collection of the finest named varieties. Half-hardy perennial. Pkt.

**Double Mixed**.....\$0 10

**Single Mixed**.....10

**Dahlia, 20th Century Novelty**.....25

**DATURA** (Trumpet Flower). Half-hardy annual. Pkt. Oz.

**Cornucopia.** White and purple.....\$0 10 \$1 00

**Finest Mixed**.....05 40



S. & W. Co.'s Giant-flowering Cyclamen

## S. & W. Co.'s Giant-flowering Cyclamen

Flowers of extraordinary size and of great substance. The leaves are proportionately large and beautifully marked. These are among the most beautiful winter- and spring-flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. Sow seed from August to September and do not permit same to become checked. When grown cool, most satisfactory results are obtained. Our strain is selected by a well-known English Cyclamen grower.

### Cyclamen, Giant Flowering.

	Pkt. 100 seeds	Oz.
White. With red eye.....	\$0 25	\$1 50
Pure White.....	25	1 00
Purple King. Dark red.....	25	1 50
Rubrum. Red; very fine.....	25	1 50
Roseum. Superb rose.....	25	1 00
Salmoneum. New salmon; fine.....	50	3 00
Margaret. Snowy-white, with silky lilac eye.....	50	
Peach Blossom.....	25	1 50
Finest Mixed.....	25	1 00

### Papilio, New Butterfly Cyclamen.

True Belgian Varieties. With large and beautifully fringed flowers..	50	3 00
White. With red, light rose, rose with red, dark red, violet, white or mixed.....	50	3 00

**COWSLIP.** The well-known favorite English Cowslip (*Primula veris*), hardy, flowering in early spring.  $\frac{3}{4}$  foot high. Mixed colors. Pkt. 5 cts.

### DOLICHOS Lablab (Hyacinth Bean).

	Pkt.	Oz.
Giant Crimson.....	\$0 10	\$0 50
Purple, White and Mixed.....	05	.25

## Delphinium (Perennial Larkspur)

Magnificent border plants, with gorgeous spikes of bloom, varying in shades from the most delicate white to the richest blue. Hardy perennial.

	Pkt.	Oz.
Barlowi. Large, dark blue flowers; extra fine .....	\$0 25	\$4 00
Cardinale. Scarlet; splendid.....	25	4 00
Formosum. Rich, dark blue, white center.....	10	1 00
Formosum coelestinum. Light blue flowers.....	20	4 00
Hybridum flore pleno. Finest double mixed, from our very rich collection.....	25	3 00

	Pkt.	Oz.
Zalii. Flowers of pure sulphur-yellow, branching habit. 4 feet.....	\$0 20	\$3 00
Nudicaule. $1\frac{1}{2}$ feet. Orange-scarlet.....	25	3 00
Erskine Park Hybrids.....	25	
Chinense. Light blue.....	10	
Chinense album. White .....	10	

## DIANTHUS, or PINKS

### DOUBLE ANNUAL VARIETIES

The family of Pinks is unrivaled for brilliancy and rich variety of color; the plants are bushy, of symmetrical form—blooming profusely until fall, rendering them most satisfactory for summer flower gardens.

**Chinensis fl. pl.** Mixed colors. Double China, or Indian Pink. Pkt. 5 cts.

**Hedgewigii fl. pl.** Mixed colors. Double Japan Pink; large flowers of many rich and varied colors. Pkt. 10 cts., oz. .50 cts.

**Double Diadem Pink.** Mixed colors. (*D. Diadematus fl. pl.*) Splendid double flowers of many colors, edged and marbled. Pkt. 10 cts., oz. \$1.

## S. & W. Co.'s Special Mixture of Annual Sorts

A grand collection of these ever-popular garden or China Pinks. All large-flowering varieties, unrivaled for brilliancy and rich variety of color, and bloom in perfect succession during the whole summer and autumn in such numbers as fairly crowd each other for room. Mixed colors. Pkt. 10 cts., oz. \$1.

### HARDY DIANTHUS PINKS

These form low, bushy, tufted plants, above which are produced on long stems the beautiful fringed and fragrant flowers so valued in "old-fashioned" gardens. For permanent beds and borders these pinks are unrivaled.

**Barbatus** (Sweet William). See page 64.

**Latifolius atrocoeruleus fl. pl.** Hardy perennial. A hybrid between the China Pink and Sweet William. The heads of brilliant red flowers are quite double. Will flower first season from seed. Pkt. 25 cts.

**Plumarius, Double Mixed.** Double-fringed, fragrant flowers of white, crimson or purple shades, spotted and variegated. 12 inches high. Pkt. 10 cts.

**Plumarius, Single Mixed.** Large, single fragrant flowers of beautiful colors and finely fringed. Pkt. 5 cts.

**Scotch, or Florists' Pinks.** They are excellent perennial garden plants, about 1 foot high when in bloom; they are vigorous, very hardy and flower profusely during spring and early summer; the flowers are very large, very double, beautifully fringed and emit a grateful clover-like perfume. Mixed colors. Pkt. 25 cts.



Dianthus plumarius

# STUMPP & WALTER CO.'S STERLING SEEDS

## Digitalis (Foxglove)

### HARDY PERENNIALS

Invaluable for the hardy border and particularly handsome when seen growing among shrubbery.

Pkt. Oz.

<b>Gloxiniæflora alba.</b>	White.	\$0 .05	\$0 .40
"	Lilacina.	Lilac.	.05 .40
"	purpurea.	Purple	.05 .40
"	rosea.	Rose	.05 .40
"	lutea.	Yellow	.05 .40
"	<b>Finest Mixed</b>		.05 .40

### Purpurea monstrosa—

Alba.	White	10	75
<b>Rubra.</b>	Red	10	75
Rosea.	Pink	10	75
<b>Mixed.</b>		10	1 25

**DRACENA.** Ornamental greenhouse plants, with elegant leaves; rich and desirable.

**Indivisa lineata.** Pkt. 10 cts.

**ECHINOCYSTIS** (Lobata, Climbing Wild Cucumber). A rapid, luxuriant-growing annual climber, very useful for quick effects. 30 to 50 feet. Pkt. 5 cts.

**ESCHSCHOLTZIA** (California Poppy). Profuse blooming plants, of extremely rich and varied color; fine for beds or rockeries. Hardy annual. 1 foot.

Pkt. Oz.

<b>Golden West.</b>	Deep yellow	\$0 .10	\$0 .50
<b>Rose Queen.</b>	Deep pink	10	50
<b>Carminea.</b>	Carmine	10	75
<b>Californica.</b>	Giant yellow	.05	.40

**EUPATORIUM ageratoides** (Thoroughwort). Hardy perennial. 4 feet. White. August and September. Pkt. 10 cts.

**Cœlestinum.** Blue. Sept. Pkt. 10 cts.

**EUPHORBIA heterophylla** (Mexican Fire Plant). A handsome annual garden foliage plant. Leaves large and glossy green, often tipped with orange-scarlet. Pkt. 10 cts.

**ECHEVERIA.** Interesting greenhouse succulents, which are used largely for carpet bedding.

**Metallica.** Pkt. 25 cts.

**FERNs.** Greenhouse varieties. mixed. Graceful conservatory or window plants. 6 in. to 2 ft. Pkt. 10 cts.

**FEVERFEW.** See **Matricaria.**

## Forget-me-not (Myosotis)

All the varieties of these popular plants are very beautiful and general favorites with all; they succeed best in a moist situation. Half-hardy perennial. 1 1/2 ft.

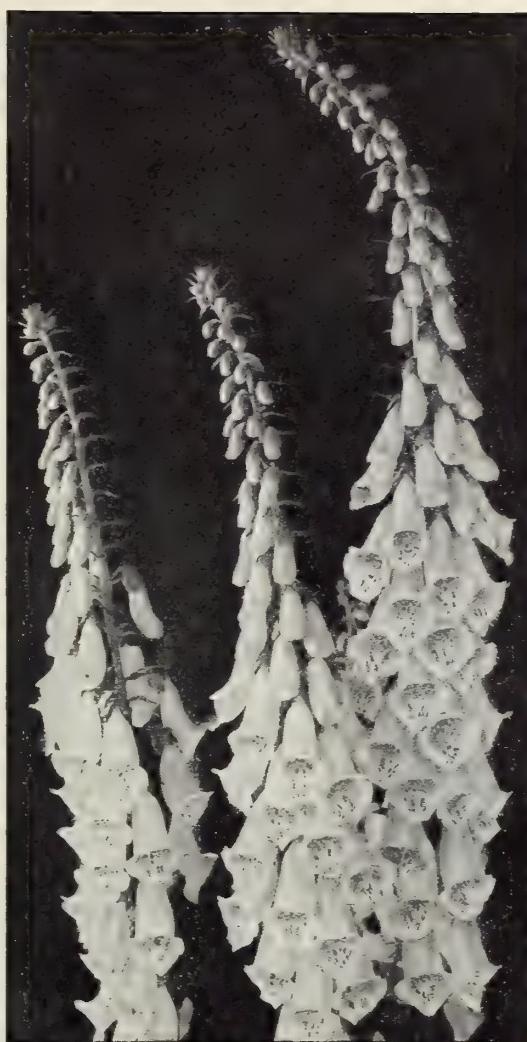
Pkt. Oz.

<b>Alpestris.</b>	A pretty trailer, with blue flower	\$0 .05	\$0 .60
<b>Alpestris, Eliza Fonrobert.</b>	Sky-blue	10	1 00
<b>Alpestris, Victoria.</b>	Dwarf habit; sky-blue	25	1 50
<b>Oblongata perfecta.</b>	Flowers borne on long flower spikes; very suitable for winter blooming	10	1 25
<b>Palustris</b> (True Forget-me-not)	....	10	3 00
<b>Palustris semperflorens.</b>	Continous bloomer	10	
<b>Finest Mixed.</b>	....	.05	

**FOUR O'CLOCKS** (Mirabilis). Well-known, free-flowering plants. Called Four O'clocks because they open their blossoms at that hour in the afternoon; also called Marvel of Peru. Hardy annuals. 2 feet.

**Fine Mixed.** Pkt. 5 cts., oz. 20 cts.

**FUCHSIA.** Choice double and single of this well-known elegant tender pot plant. Mixed colors. Pkt. 25 cts.



Digitalis gloxiniaeflora rosea



Gaillardia sulphurea oculata

## Gaillardia

### (Blanket Flower)

A very pretty showy annual used very extensively for beds, borders and cutting purposes.

### ANNUAL VARIETIES

<b>Amblyodon.</b>	Rich blood-red. 2 feet	Pkt. \$0 .05	Oz. \$0 .40
<b>Pieta Lorenziana.</b>	Double mixed. 2 feet	....	.05 .40
<b>Pieta.</b>	Double mixed. 2 feet	....	.05 .30
<b>Rubra.</b>	Rich double red. 2 feet	....	.05 .40

### PERENNIAL VARIETIES

**Kermesina splendens.** Center rich crimson, narrow canary-yellow border ..... \$0 .15

**Sulphurea oculata.** Pale sulphur, bright maroon eye ..... 15

**GERBERA Jamesoni** (For full description see page 7).

**GLOBE AMARANTH** (Gomphrena). See Everlasting Flowers.

**GAURA Lindheimeri.** Half-hardy perennial. Flowers the first season from seed, and produces long sprays of white, red-tinted flowers. It is most useful for vases, the slender-stemmed blossoms fluttering like butterflies. 2 feet. Pkt. 5c., oz. 40c.

## Gloxinia, Large-flowered

### Striped and Marbled

These very remarkable Gloxinias have, by careful selection, now been so far fixed that 40 per cent of the seedlings come true. The ground color of the large, erect and widely-opened flowers is a velvety purple-crimson, with a rosy white throat. On the often seven-lobed corolla appear more or less sharply defined bands, spots and stripes, characteristic of this new class, the latter mostly of a violet hue. Pkt. 50 cts.

**GODETIA.** Profuse blooming annuals of beautiful colors. Fine for bedding or pot culture. Hardy annuals. 1 foot.

**Sunset.** Excellent variety. Pkt. 10 cts.

**Mixed.** Pkt. 5 cts.

**GREVILLEA robusta** (Silk Oak). Very graceful foliage; highly valued as a decorative plant for the table, and when large for tropical lawn effects. 3 to 5 feet. Pkt. 10 cts.

## Gourds

A vigorous class of plants, with curiously formed and often strangely colored fruits. The foliage is abundant, often curious. They are very useful for covering old trees, fences, arbors, etc. Tender annuals.

<b>Pkt.</b>	
<b>Mock Orange</b> .....	\$0 .05
<b>Apple-shaped</b> .....	05
<b>Dish Cloth, or Chinese Luffa</b> .....	05
<b>Dipper Gourds</b> .....	05
<b>Mixed.</b> All sorts.....	05
<b>Hercules' Club</b> .....	05

**GRASSES, ORNAMENTAL.** See page 69.

**Stumpp & Walter Co.'s  
PANSIES are famous**



Gypsophila elegans grandiflora, White

**Cucumerifolius** (Miniature Sunflower). A very popular flower for either hedges, borders or cut-flowers. Bright single yellow flowers, black center. 4 feet. July to October. Pkt. 5 cts., oz. 30 cts.

**Cucumerifolius hybrida, Double.** New double and semi-double variety; very fine. Pkt. 10 cts., oz. \$1.50.

**Perkeo.** A miniature plant 12 inches high by 18 inches in diameter; flowers 3 inches across, golden, with black eye. Pkt. 15 cts., oz. \$2.

**Diadem.** Large-flowering; citron. Pkt. 10 cts., oz. \$1.50.

**Thousand-Flowered.** Pkt. 10 cts., oz. \$1.50.

**Bismarckianus.** Tall, with abundant, single, large flowers. Pkt. 5 cts., oz. 25 cts.



Heliotrope, Lemoine's Giant

## Gypsophila

Pretty, free-flowering little plant. Will do well in any garden soil. The flowers are valuable for bouquet-making, either fresh or dried. Hardy annuals.

	Pkt.	Oz.
<b>Elegans.</b> White and pink flowers.....	\$0 05	\$0 25
<b>Elegans grandiflora alba.</b> Flowers larger than preceding variety.....	10	50
<b>Elegans grandiflora rosea.</b> Delicate rose.....	10	50

## PERENNIAL VARIETIES

<b>Acutifolia.</b> White. 2 feet.....	05	50
<b>Muralis.</b> Red.....	05	50
<b>Paniculata.</b> Best white.....	05	40
<b>Repens.</b> Dwarf white; fine for rockwork.....	10	75

## HELIANTHUS (Sunflower)

### SINGLE VARIETIES

**Cut - and - Come - Again.** Mixed. Pkt. 10c., oz. \$1.

**Cucumerifolius, Stella.** Improved golden yellow flower with small, black center. Pkt. 5 cts., oz. 40 cts.

**Cucumerifolius, Orion.** New, with crisped petals Pkt. 10c., oz. \$1.



J.H. McF.C.O.

Helianthus multiflorus fl. pl.

### DOUBLE-FLOWERING

**Globosus fistulosus.** Double, enormous flowers; very double, best strain. Pkt. 5 cts., oz. 25 cts.

**Dwarf Double.** Extra fine. Pkt. 5c., oz. 25 cts.

**Large Russian.** Pkt. 5 cts., oz. 10c.

## HARDY VARIETIES

**Missouricus.** Fine double yellow. Pkt. 15c., oz. \$2.

**Rigidus.** Heavy stiff stem; clear yellow flowers. Pkt. 25 cts.

**Multiflorus fl. pl.** Very fine for cutting. Pkt. 10 cts., oz. 50 cts.

**HELENIUM** (Sneezewort). Hardy perennial, blooms in late summer; about 4 feet high. Pkt. 1/4 Oz.

**Autumnale.** 6 feet. Yellow..... \$0 10 \$0 50

**Bigelowii.** 5 feet. Golden yellow, black center..... 25

**Hoopesii.** 2 1/2 feet. Dark yellow..... 25

## Heliotrope

Deliciously fragrant, flowering plants; growing about 1 to 2 feet high; great favorites for pot culture in the winter or bedding out in the summer. Large umbels of lilac or white flowers are continuously borne. Half-hardy perennial. 1 1/2 feet.

**Finest Mixed.** Pkt. 5 cts.

**Lemoine's Giant Mixed.** Pkt. 10 cts.

### Hibiscus (Marshmallow)

Showy, ornamental plants, for mixed beds or shrubbery borders. Hardy perennial, but will bloom first year from seed if sown early.

Pkt.

**Palustris.** Large pink flowers..... \$0 05

**Moscheutos** (Swamp Rose Mallow). Flowers 6 inches in diameter; of light rosy red, with dark center..... 05

**Golden Bowl.** Giant yellow, cup-shaped flowers, from 6 to 9 inches in diameter; of rich cream, with velvety maloon center..... 10

**HELICHRYSUM.** See page 67.

**HELIOPSIS Pitcheriana** (Orange Sunflower). Hardy perennial. A valuable plant for the border, thriving in any good soil. Flowers cup-shaped, deep yellow, on long, stiff stems for cutting. 3 to 4 feet. June to October. Pkt. 10 cts., oz. 75 cts.

**HEUCHERA sanguinea** (Alum Root). Beautiful hardy perennial. The foliage is evergreen; flowers fiery coral, shading to brilliant crimson. Pkt. 25 cts.,  $\frac{1}{8}$  oz. 75 cts.

**Splendens.** Deep red. Pkt. 25 cts.,  $\frac{1}{8}$  oz. 75 cts.

**HONESTY** (Moonwort). Hardy perennial, admired for its silvery seed-pouches, which are used for house ornaments, presenting a beautiful and curious appearance. 2 feet. Pkt. 5 cts.,  $\frac{1}{4}$  oz. 15 cts.

### Humulus (Japan Hop)

Rapid summer climber, in three or four weeks' time attaining a height of 20 to 30 feet, resembling the common Hop, but, being an annual, attains full perfection the first season. The foliage is luxuriant, making a dense covering. It is one of the best plants for covering verandas, trellises, etc. Heat, drought and insects do not trouble it.

Pkt.

**Japonicus** ..... \$0 05  
**Variegatus.** Variegated variety . 05

**HUNNEMANNIA fumariæfolia** (Giant Yellow Tulip Poppy).

Should be treated as an annual. Sow seeds out-of-doors in May and flowers will appear early in September and remain until frost. Foliage is fern-like and not unlike eschscholtzia. Plants attain a height of 2 feet. Flowers are tulip-shaped, pure golden yellow. When cut and put in water they will last a full week. One of the most valuable garden plants we know of. Pkt. 10 cts., oz. \$1.



Hop Vine (*Humulus Japonicus*)



S. & W. Co.'s Superb Double Hollyhocks

### HOLLYHOCKS

One of the most popular of hardy garden plants. The beautiful color effects produced by the planting of these flowers, combined with their dignified and stately appearance, render them indispensable for either the old-fashioned garden or the well-planned herbaceous border. As a background for other flowers or planting among shrubbery they are without an equal. As the plants are affected with rust occasionally, we recommend frequent spraying in springtime with bordeaux mixture.

#### S. & W. Co.'s Superb Double Hollyhocks

Conceded by those who have grown this strain to be the finest in existence.

	Pkt.	Oz.
<b>S. &amp; W. Co.'s Superb Double White</b>	\$0 10	\$1 00
<b>S. &amp; W. Co.'s Superb Double Scarlet</b>	10	1 00
<b>S. &amp; W. Co.'s Superb Double Purple</b>	10	1 00
<b>S. &amp; W. Co.'s Superb Double Dark Rose</b>	10	1 00
<b>S. &amp; W. Co.'s Superb Double Yellow</b>	10	1 00
<b>S. &amp; W. Co.'s Superb Double Mixed</b>	10	1 00
<b>Allegheny, Mixed</b>	10	1 00
<b>Chater's Double Finest Mixture</b>	10	1 50

#### S. & W. Co.'s New Annual Everblooming Hollyhocks

This is one of the best introductions of late years. Seeds sown in the house in March will produce flowers in July on plants 4 feet high. The plants do not attain their perfection until their second year, when they grow 7 to 10 feet high and flower continuously from June till frost. The foliage is distinct and not subject to any disease. The plants are perfectly hardy and will live longer than the old-fashioned kind.

	Pkt.	Oz.
<b>Single Mixed</b>	\$0 15	
<b>Double Mixed</b>		25

	Pkt.	Oz.
<b>HYACINTH BEAN, Giant Crimson.</b>	\$0 10	\$0 50
<b>Purple, White, or Mixed</b>		25

**IBERIS** (Hardy Candytuft). See **Candytuft**.

**ICE PLANT** (*Mesembryanthemum*). Very singular, dwarf trailing plants, much used for garnishing; beautiful and curious. Tender annual. 1 foot.

**Crystallinum.** White. Pkt. 5 cts.

## Ipomoea

Beautiful, free-blooming plants, fine for outdoor or greenhouse decorations. The seeds should be soaked two to three hours before planting. Tender annual.

**Bona Nox.** Large blue flowers..... Pkt. Oz. \$0 10

**Grandiflora Mexicana alba** (Moonflower). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. It grows rapidly and will cover a large surface..... 10 \$0 75

**Hederacea grandiflora superba**..... 10

**Hederacea.** Sky-blue, white margined..... 10

**IMPATIENS Sultani.** One of the most beautiful of decorative plants. It thrives in stove heat, greenhouse and open border during the summer. The flowers are of a brilliant rosy scarlet, 1 1/2 inches in diameter. Mixed. Pkt. 10 cts.

**Holsti.** A very handsome balsam from East Africa, forming bushes 1 1/2 to 2 feet in height, with brilliant scarlet flowers, which measure from 1 1/4 to 1 1/2 inches across, of bright vermilion color. It is an elegant pot plant, also for bedding out in partial shade. Pkt. 25 cts.

**INCARVILLEA Delavayi.** Hardy perennial. Rather new, originated in northern China, and is one of the prettiest perennials known. It produces divided pale green leaves about 2 feet in length, very much like acanthus. The flowers are borne on long, stout stems, tube-shaped and appear almost like gloxinias. Color bright rose. 2 1/2 feet. June to August. Pkt. 50 cts.

**KOCHIA tricophila** (Belvidere Summer Cypress, or Mexican Fire-bush). A pretty half-hardy annual, 2 to 3 feet in height, which grows into a perfect pyramidal-shaped cypress bush, with small feathery light green foliage, deepening as the season advances until it becomes a lovely crimson hue about September. Excellent for edging or hedging. Pkt. 15 cts., 1/4 oz. \$1.

**KUDZU VINE.** The quickest growing vine known, making 25 feet in one season. Pkt. 10 cts., oz. 40 cts.

**LANTANA.** Rapid-growing plants, forming small bushy shrubs; exceedingly free in bloom. Mixed. Pkt. 5 cts.

## LARKSPURS

One of our best known of garden favorites. A vast improvement has been effected by careful selection and cultivation. Seed should be sown as early in the spring as possible where they are to flower. Hardy annuals.

### S. & W. Co.'s Emperor

Apple Blossom	Azure-Blue
Brilliant Rose	Violet
Black-Blue	White Striped
	Dark Red

Each of above, pkt. 5 cts., oz. 25 cts. Collection of the ten varieties, 40 cts.

### Giant Hyacinth-flowered

Eight Varieties, Mixed	Pkt. Oz. \$0 10
Lustrous Carmine (Newport Scarlet)	25 1 50
Defiance. A grand variety	25 2 00

**LAVATERA splendens rosea** (Pink Mallow). A very pretty hardy annual of exceptional value. Plants are well formed and grow about 3 feet high; the flowers being large and exceptionally valuable for cutting as they last quite long. Do well also in large beds or borders and are extremely showy. Pkt. 5 cts., oz. 50 cts.

**Arborea variegata.** Leaves mottled with yellow; very decorative. Pkt. 5 cts., oz. 25 cts.

**Trimestris.** Red. Pkt. 5 cts., oz. 50 cts.

## Linum (Flax)

<b>Grandiflorum rubrum</b> (Verum). Hardy annual; Pkt. very large-flowered.....	Oz. \$0 05	\$0 25
<b>Lewisii.</b> Blue.....	10	35
<b>Perenne</b> (Perennial Flax). Blue. August-flowering.....	05	25
<b>Luteum.</b> Bright yellow.....	10	35

## Lathyrus latifolius

### (Hardy Everlasting Pea)

Hardy climbers, growing 6 to 8 feet high when trained on a trellis; the flowers are borne in large clusters. They are peculiarly adapted to rough places, to scramble over rocks and bushes; splendid cut-flower.

<b>White</b> .....	Pkt. \$0 10
<b>Delicata.</b> Rosy flesh-color.....	10
<b>Mixed Colors</b> .....	05
<b>Red</b> .....	05



Orange-Yellow Marigold (see page 55)

## LOBELIA

### COMPACTA VARIETIES

Little, round, compact plants, 4 to 6 inches high, forming little mounds of bloom, splendid for edging, beds and ribbon-gardening and fine for pots.

**Emperor William.** Light Pkt. 1/4 oz. blue, compact; very fine \$0 10 \$1 00

**Pumila splendens.** Dark blue, with clear white eye. 10 1 50

**Pumila alba.** Pure white. 10 1 50

**Pumila.** Magenta-red, with white eye; distinct and fine..... 10 1 50

**Crystal Palace compacta.** Dark blue; a popular bedder..... 10 2 00

### ERINUS VARIETIES

They produce trailing branches, 6 to 9 inches long. Indispensable for hanging over vases and baskets or garden beds, bearing continuously flowers of charming blue, white or rose shades.

**Speciosa.** Dark blue, Pkt. 1/4 oz. dark foliage; extra fine \$0 05 \$1 00

**Barnard's Perpetual.** Deep blue, with white eye..... 10 1 00

**Lindleyana.** Rose..... 10 75

**Prima Donna.** Velvet maroon..... 10 75

**Alba.** Pure white ..... 10 50

### HARDY VARIETIES

Tall-growing, hardy perennials with long spikes of brilliant flowers; for permanent beds and borders they are unrivaled; they are one of the few flowering plants that thrive in shady situations. 2 to 4 feet. The most brilliant plants in cultivation.

**Cardinalis** (Cardinal Flower). Long spikes of intense Pkt. 1/4 oz. scarlet flowers..... \$0 25 \$1 50

**Cardinalis Lugdunensis.** Rose..... 50

**Queen Victoria.** Brilliant scarlet..... 50

## Lupinus

These are a very interesting class of plants and of easy culture, producing beautiful leaves and pea-shaped flowers, and should be more generally cultivated. Hardy annuals. 2 1/2 feet.

### ANNUAL VARIETIES

	Pkt.	Oz.
<b>Albo coccineus.</b> Rose and white.....	\$0 05	\$0 30
<b>Hybridus atrocoeruleus</b> .....	05	30
<b>Maritzianus.</b> Blue.....	10	50
<b>Nanus.</b> Dwarf blue .....	05	30

### PERENNIAL VARIETIES

	Pkt.	1/4 oz.
<b>Polyphyllus, White and Pink</b> .....	\$0 15	\$0 50

## Lychnis

<b>Chalcedonica.</b>	Usually grown as annuals; of dwarf bushy habit, bearing flowers an inch or more across in continuous succession until frost; the color is a particularly pleasing and effective rich scarlet. 1 foot.	Oz.
Pkt. 10 cts.	2½ feet	\$0 10 \$0 50
<b>Lychnis Lagascae.</b>	Rose; dwarfest; early, charming; for pots	25
Haageana.	Fiery scarlet	10 50
Sieboldii.	White	10 30
Viscaria rosea.		10 40
Viscaria splendens.		10 40
<b>MALVA Alcea</b> (Hollyhock Mallow).	Pink	05 50
Moschata.	Crimson	10 100
Moschata fl. alba.		10 100

**MATHIOLA bicornus** (Night-Scented Stock). An annual garden plant, grown for its delicious perfume, which is emitted in the evening and morning. 1 foot. Pkt. 10 cts.

## MARIGOLD (Tagetes)

Among the Marigolds, the African is the most striking in large beds, while the other Tagetes varieties are admirably adapted for small beds. They are free-blooming plants of easy cultivation. Hardy annual.

### AFRICAN TALL MARIGOLDS

	Pkt.	Oz.
<b>Double Mixed.</b>	\$0 05	\$0 50
<b>Orange-Yellow.</b>	05	50
<b>Light Yellow.</b>	05	50
<b>Orange Quilled.</b>	05	40
<b>Lemon Quilled.</b>	05	50

### FRENCH MARIGOLDS, DWARF

<b>Finest French Mixed.</b>	Tall varieties	05	30
<b>Legion of Honor.</b>	Dwarf, compact; about 15 inches high, with dark green fern-like leaves and bright golden, star-like flowers distributed over the surface. The blooms are of rich golden yellow, with the center of each petal marked broadly with velvety crimson-brown	10	50
Lutea.	Pure yellow, very double	05	35
Silver King.		10	50
Dwarf Mixed.		05	40

### SINGLE MARIGOLDS

**Little Brownie.** Charming, forming compact little bushes only 5 to 6 inches high. It is remarkable for blossoming extremely early and in prodigious abundance, commencing in June. The flowers are vividly colored golden yellow, marked with a large spot of crimson-velvet. Pkt. 5 cts., oz. 40 cts.

**MORNING GLORY.** See *Convolvulus*.

**MUSA ensete** (Abyssinian Banana Tree). A foliage plant of magnificent proportions; for sub-tropical massing, or as single specimens they are strikingly effective. Seeds sown early in the house will produce plants 10 to 15 feet high the first season. Pkt. 25 cts.

**MIMOSA** (Sensitive Plant). A very curious plant. The leaves instantly close up when touched. Tender annual.

**Pudica.** Pkt. 5 cts.

**MIMULUS.** The Mimulus are beautiful, tender-looking plants, with almost transparent branches. They luxuriate in damp, shady situations; musk-scented. Tender annual. 1 foot.

**Moschatus** (Musk Plant)..... \$0 10  
**Splendid Mixed**..... 05

**MOMORDICA** (Balsam Apple and Balsam Pear). Luxuriant annual climbers, with large leaves, making dense shade. The flowers are followed by ornamental, large fruits of orange or copper color, which burst and expose an interior of red, which is highly effective. 15 to 20 feet.

**Balsamina** (Balsam Apple). Orange fruits..... \$0 05 \$0 30

**Charantia** (Balsam Pear). Coppery scarlet-colored

fruits..... 05 30

**MATRICARIA grandiflora fl. pl. eximia** (Feverfew). Double pure white flowers are borne on slender stems 15 inches high, which are excellent for cutting. Half-hardy perennial, which should be treated as an annual. Pkt. 10 cts., oz. 75 cts.

**Golden Ball.** Compact-growing variety, with golden yellow flowers. Excellent for bedding. 1 foot. Pkt. 25 cts., oz. \$2.50.

**MUSK PLANT.** See *Mimulus*.

**MYOSOTIS.** See *Forget-me-not*.

**MAURANDYA, Finest Mixed.** Elegant greenhouse perennial climbers, producing the first season innumerable tube-shaped flowers. Excellent for hanging-baskets and vases. July to October. Pkt. 10 cts., ¼ oz. 75 cts.

**Albiflora.** White. Pkt. 25 cts., ¼ oz. \$1.

**Barclayana.** Purple. Pkt. 10 cts., ¼ oz. \$1.

**MESEMBRYANTHEMUM crystallinum** (Ice Plant). Hardy annual. Grown for peculiarity of leaves. Flowers white. 1 foot. Pkt. 5 cts., oz. 30 cts.



Mignonette, Allen's Defiance

## MIGNONETTE (Reseda)

Well-known, sweet-scented little plants, everywhere at home, either in the greenhouse, garden or sitting-room. Hardy annual.

**Allen's Defiance.** This gorgeous Pkt. Oz.

Mignonette has qualities heretofore unknown in large-flowering varieties, being deliciously fragrant. When grown under favorable conditions and with proper care, its spikes will be from 12 to 15 inches long. The individual florets are of remarkable size and stand out boldly, forming a graceful as well as compact spike. Its remarkable strength is accompanied by extraordinary keeping qualities; the spikes have been kept in a vase three weeks after cutting, retaining their grace and fragrance until every bud opened..... \$0 10 \$2 00

**Improved Large-flowering**..... 05 25

**Golden Queen.** Yellow-tinted flowers 10 50

**Miles' Spiral.** Very fine..... 05 60

**Machet.** A dwarf French variety, with broad spikes of very fragrant red flowers; one of the best varieties for either garden or pot culture... 10 100

**Machet Ruby.** A fine new Machet Mignonette, with coppery scarlet flowers..... 10 2 00

**Machet Bismarck.** A new imported variety..... 10

**Odorata maxima Goliath.** Bears very large flowers, the center spikes being often 8 inches long. The plant grows in candelabra form and produces fiery red flowers on firm upright stalks..... 10 2 00

**Parsons' White.** Nearly white..... 05 75

**MONARDA didyma** (Bee Balm). July to September. Crimson. Pkt. 25 cts.

**MOONFLOWER.** See *Ipomoea*.

**NEMOPHILA.** Splendid annuals for garden decoration; bright colored flowers, in shades of blue, white and violet. 1 foot.

**Finest Mixed.** Pkt. 5 cts.

**NICOTIANA affinis.** An annual with sweet-scented, pure white, star-shaped flowers, 3 inches across, blooming continually. 2 to 3 feet high..... \$0 05

**Giant Red-Flowered.** Magnificent annual of tropical effect, large, luxuriant leaves and immense clusters of rich crimson flowers. 5 feet..... 05

**NIGELLA Damascena, Double Mixed** (Love-in-a-Mist). Pretty garden annuals with feathery green foliage, in which large, double, charming blue or white flowers are set. 1 to 2 feet high..... \$0 05 \$0 35

**Miss Jekyll.** A lovely variety with cornflower-blue blossoms; splendid for cutting. Hardy annual, growing about 2 feet high..... 10 50



S. & W. Co.'s Superlative Single-flowering Nasturtiums

## Stumpp & Walter Co.'s Superlative Nasturtiums

### TOM THUMB VARIETIES

The dwarf Nasturtiums will always be general favorites, for the reason that they stand any amount of heat and drought, growing vigorously and flowering freely, especially in a poor, rocky soil.

	Pkt.	Oz.
<b>Aurora.</b> Salmon-rose.....	\$0 05	\$0 15
<b>Beauty.</b> Light scarlet, splashed canary.....	05	15
<b>Brilliant.</b> Rich scarlet.....	05	15
<b>Chameleon.</b> Splashed crimson, bronze and yellow.....	05	20
<b>Crystal Palace Gem.</b> Sulphur, spotted maroon.....	05	15
<b>Empress of India.</b> Brilliant crimson; dark foliage.....	05	20
<b>King Theodore.</b> Scarlet-maroon; dark foliage.....	05	15
<b>King of Tom Thumb.</b> Crimson.....	05	15
<b>Lady Bird.</b> Orange-yellow; red spots.....	05	15
<b>Luteum.</b> Light yellow; no blotches.....	05	15
<b>Pearl.</b> Pure white.....	05	15
<b>Crimson.</b> .....	05	15
<b>RUBY KING.</b> Light ruby-red.....	05	15
<b>Mixed.</b> Finest variety.....	lb. \$1.	15

**Imported Collection.** 1 pkt. each of 12 of these varieties. \$0 50  
1 pkt. each of 6 of these varieties.. 25

### TALL, or CLIMBING VARIETIES

Beautiful and luxuriant annual climbers for trellises, arbors or vases, bearing their gorgeous flowers in profusion until killed by frost.

	Pkt.	Oz.
<b>Chameleon.</b> Splashed crimson, bronze and yellow.....	\$0 05	\$0 20
<b>Dunnett's Orange.</b> Rich, golden orange, garnet blotches.....	05	15
<b>Yellow.</b> .....	05	15
<b>King Theodore.</b> Velvety dark crimson; dark foliage.....	05	15
<b>Pearl.</b> Cream-white.....	05	15
<b>Prinz Heinrich.</b> New, cream-color, spotted red.....	05	15
<b>Schulzi.</b> Scarlet.....	05	15
<b>Von Moltke.</b> Bluish rose.....	05	15
<b>Dark Crimson.</b> .....	05	15
<b>Sunlight</b> .....	4 ozs.	75c.. 10 25
<b>Moonlight</b> .....	4 ozs.	75c.. 10 25
<b>Jupiter</b> .....	4 ozs.	\$1.20.. 10 35
<b>California Giants Mixed</b> .....	4 ozs.	75c.. 10 25
<b>Finest Tall Mixed</b> .....	4 ozs.	25c.. 05 10

**Imported Collection.** 6 varieties. \$0 25  
12 varieties. 50

	Oz.
<b>ENOTHERA Fraseri</b> (Evening Primrose). Hardy perennials. Border plants of value. Beautiful, large yellow flowers. July to Oct. 1 1/2 feet. 1/4 oz. \$1.50.. \$0 25	
<b>Lamarkiana.</b> Hardy perennial. Enormous yellow flowers. July to October. 3 feet.....	05 \$0 30
<b>Missouriensis.</b> Hardy perennial. Rich yellow flowers, 4 to 5 inches across, on trailing, ascending branches. June to August. 1 foot.....	10 1 50

**OXALIS.** Pretty little half-trailing annuals, for hanging-baskets, vases, rockwork and edgings; flowering in profusion, 6 to 9 inches Pkt.

<b>Floribunda alba.</b> Fine for edgings.....	\$0 10
<b>Floribunda rosea.</b> Fine for edgings.....	10
<b>Fine Mixed</b> .....	05

**PEPPER, Celestial.** Finest strain. One of the decorative plants largely used for Christmas. Pkt. 25 ct.

### Pentstemon

Handsome annuals and perennials, very fine for cutting. Flowers borne on spikes from June to October. The perennial varieties can easily be flowered the first year if started in March. 3 feet.

**Digitalis.** Pure white flowers, with throats lightly spotted violet. Half-hardy perennial. Pkt. 10 cts.

**Gloxinioides** (Annual Pentstemon). Flowers gloxinia-like and of great variety of colors. Borne on long, handsome spikes. Pkt. 25 cts., 1/2 oz. \$1.

**Pulchellus hybridus, Mixed.** A mixture of delicate shades of annual varieties. Pkt. 15 cts.

**PHYSOSTEGIA** (False Dragon Head). Hardy perennial. 3 1/2 feet. Midsummer flowering.

**Speciosa.** Pink..... \$0 10  
**Speciosa alba.** White..... 10



S. & W. Co.'s Giant Pansies

## Stumpp & Walter Co.'s Pansies Are Famous

This very popular annual needs little description. Good results may be obtained from sowing seed in April in a light, cool, but well-moistened soil, enriched with a slight amount of barnyard manure or fine ground bone. Sow seed in drills, covering them five times their diameter, and firm soil and water once a day, except in very dry weather when they may be watered twice a day. Seed will germinate in about two weeks and should not be allowed to dry out. A small covering of newspapers will prevent drying out. When plants are large enough to handle, they should be transplanted to a distance of 1 foot apart. Where greenhouse and coldframe facilities are at hand, seed may be sown in July or August and protect plants during winter.

**Stumpp & Walter Co.'s Non Plus Ultra.** Our Non Plus Ultra Pansy is a mixture containing the largest, handsomest and most perfect varieties ever sent out. The beautiful coloring and variety of marking give a bed of these Pansies a most brilliant appearance. The seed has been saved from the greatest assortment of types, including only the best of Giant Cassiers, Bugnots, Trimardeaux and Giant English, French and German strains. Finest Mixed, pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.50, oz. \$6.

**Stumpp & Walter Co.'s World's Best Mixture.** This mixture is the result of careful selection, from the very largest and finest Pansies of all the varieties; and we can safely say that a better or finer strain it is impossible to get. Pkt. 25 cts., 1,000 seeds \$2, 5,000 seeds \$8.

### Stumpp & Walter Co.'s Giant Pansies

Giant Fire King.	Red and yellow, large brown eye.....	Pkt. 15	$\frac{1}{4}$ oz. \$1.25	Oz. \$4.00
"	Emperor William.	Deep blue.....	15	1 25 4.00
"	Lord Beaconsfield.	Violet, shaded white.....	15	1 50 5.00
"	Light Blue.	White center.....	10	1 00 3.50
"	Light Blue.	.....	10	1 00 3.50
"	Madame Perret.	Red shades.....	15	1 50 5.00
"	Pres. Carnot.	Pure white petals; deep blotch.....	15	1 25 4.00

Giant Pure Yellow.....	Pkt. 10	$\frac{1}{4}$ oz. \$1.00	Oz. \$3.50
" Purple.....	"	10	1.00 3.50
" Snow-White.....	"	10	1.00 3.50
" White. Dark eye.....	"	10	1.00 3.50
" Bugnot, Large Stained Mixed.....	25	1 50 5.00	
" Cassiers, All Colors Mixed.....	15	1.00 3.50	
" Odier, All Colors Mixed.....	15	1.00 3.00	
S. & W. Co.'s Special Mixed.....	05	50 1.50	

WORLD'S BEST PANSIES, grown from our famous strain. 60 cts. per doz. \$4 per 100

## PETUNIA

The Petunia cannot be equaled by any plant for outdoor decoration. They will flower the first season, even if sown in the open ground, but usually not before June. Those sown in the house or hotbed in April will bloom in June and be larger and finer plants. Half-hardy annual. 1 1/2 feet.

### Large-flowering Petunias

This is a strain of incomparable beauty, size and luxuriance. The flowers are of immense size, the fringed varieties exquisitely ruffled and fringed on the edges, but the extreme elegance lies in the great variety of colors, markings, blotching and striping, in the most beautiful combinations.

	Pkt.
<b>Single, Large-flowering Fringed, White</b>	\$0 25
" " " Crimson	25
" " " Mixed	25
<b>Double, Large-flowering Fringed, Crimson</b>	75
" " " Rose	75
" " " White	75
" " " Mixed	50
<b>Single, Large-flowering, White</b>	25
" " " Rose	25
" " " Crimson	25
" " " Mixed	10

**Countess of Ellesmere.** Dark rose, with fine white throat . . . . . 10

**Howard's Star.** Rich crimson, with distinct white star in center . . . . . 10

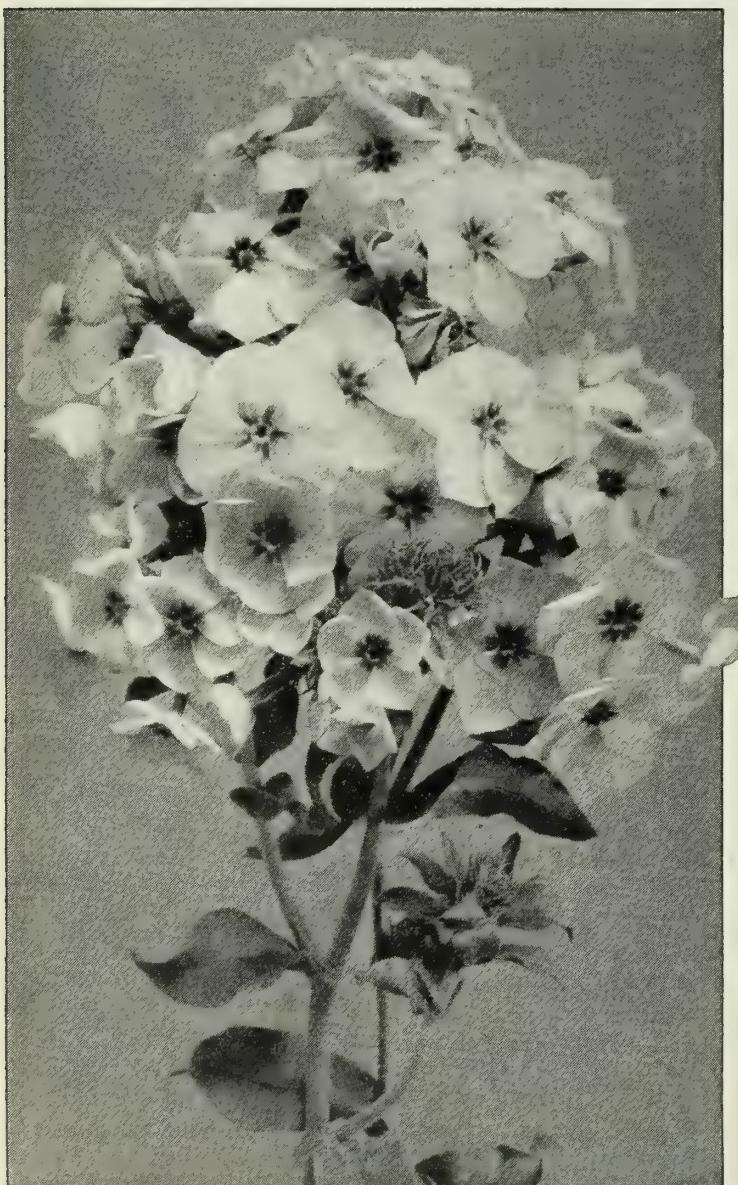
**Inimitable compacta.** Bushy little plants covered with pretty striped and star-shaped flowers . . . . . 10

**Erfordii** (Newport Pink). One of the finest of the dwarf pink varieties . . . . . 25

**King Edward.** A very beautiful variety of white, bordered crimson . . . . . 1 00



S. & W. Co.'s Large-flowering Double Fringed Petunias



S. & W. Co.'s Large-flowering Phlox Drummondii

## Phlox Drummondii

Hardy Annual

The Phlox Drummondii is one of our best annuals, flowering freely all the summer. For richness of color they cannot be surpassed. They are invaluable for beds and ribbon-gardening, therefore no garden should be without them.

### S. & W. Co.'s Selected Large-flowering Tall Varieties

	Pkt. 1/2oz.
<b>Brilliant.</b> Finest crimson . . . . .	\$0 25 \$1 00
<b>Chamois-Rose</b> . . . . .	10 75
<b>Crimson.</b> Very intense . . . . .	10 75
<b>Deep purple.</b> . . . . .	10 75
<b>Deep Scarlet.</b> . . . . .	10 75
<b>Isabellina, Yellow.</b> . . . . .	10 75
<b>Rosea.</b> Beautiful rose . . . . .	10 75
<b>Scarlet Striped.</b> . . . . .	10 75
<b>Finest Mixed.</b> . . . . .	10 60
<b>Imported Collections.</b> 1 pkt. each of 6 varieties . . . . .	\$0 50
1 pkt. each of 12 varieties . . . . .	1 00

### S. & W. Co.'s Selected Large-flowering Dwarf Varieties

	Pkt. 1/2oz.
<b>Blue Striped.</b> . . . . .	\$0 10 \$1 25
<b>Chamois-Rose</b> . . . . .	10 1 25
<b>Defiance Brilliant</b> . . . . .	10 1 25
<b>Fireball.</b> . . . . .	10 1 25
<b>Purple.</b> . . . . .	10 1 25
<b>Snowball.</b> . . . . .	10 1 25
<b>Surprise.</b> Vermilion, white center . . . . .	10 1 25
<b>Finest Mixed.</b> . . . . .	10 1 00
<b>Phlox Drummondii, Mixed.</b> . . . . .	05 25

## HARDY PHLOX

Magnificent, hardy-flowering plants, growing into strong bushes from 2 to 3 feet high, bearing immense heads of large waxy flowers of lovely shades of color.

	Pkt.
<b>Large-flowering Hybrids, Mixed.</b> . . . . .	\$0 10
" " " <b>Hybrids, Dwarf Mixed</b> . . . . .	10
" " " <b>Red Shades, Mixed</b> . . . . .	25

## STAR PHLOX

Flowers are of regular star-like form. Plants of compact habit, about 18 inches high, bearing large umbels of flowers. Colors varied and beautiful. **Star of Quedlinburg.** Mixed colors. Pkt. 10 cts., 1,000 seeds 75 cts.

**PORTULACA H. A.**

**SINGLE GRANDIFLORA**

	Pkt.	Oz.
Alba. Pure white.....	\$0 05	\$0 60
Aurea. Deep golden yellow.....	05	60
Rosea. Beautiful rose.....	05	60
Splendens. Crimson.....	05	60
Finest Mixed.....	05	40

**DOUBLE GRANDIFLORA**

	Pkt.	Oz.
Alba. White.....	10	4 00
Rosea. Rose.....	10	4 00
Salmonea. Salmon.....	10	4 00
Splendens. Crimson.....	10	4 00
Sulphurea. Yellow.....	10	4 00
Finest Mixed.....	10	3 50

**PASSION FLOWER.** Handsome, rapid-growing perennial climber for greenhouse decoration or sunny positions in the open ground in summer.

	Pkt.
Cerulea. Large flowers of violet and blue.....	\$0 10
Alba. Large, white flowers.....	10
Inearnata. Flesh-colored.....	10
COLLECTION. One packet of each for.....	\$0 25

**POLEMONIUM** (Jacob's Ladder). Hardy perennial, with clusters of blue-and-white flowers. Foliage deeply cut and ornamental. 2 feet. May to August.

	Pkt.	Oz.
Coeruleum grandiflorum. Deep blue.....	\$0 10	\$0 75
Coeruleum album. Pure white.....	10	75
Richardsonii. Sky-blue.....	10	1 00

**PLATYCODON.** See *Wahlenbergia*.

## Poppies

There is probably no flower of greater popularity than the Poppy, particularly the annual varieties.



Oriental Poppies



Shirley Poppies

### Single Hardy Annual Poppies

	Pkt.	Oz.
Shirley, Carmine Shades.....	\$0 10	\$0 75
" Rose Shades.....	10	75
" Salmon Shades.....	10	75
" White Shades.....	10	75
" Finest Mixed.....	05	50

<b>Admiral.</b> A single peony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. Excellent for grouping.....	10	1 00
<b>Danebrog.</b> Large flowers of brilliant scarlet, with a silvery white spot on each petal.....	05	25
<b>Glaucum</b> (Tulip Poppy).....	10	50
<b>English Scarlet.</b> Very attractive.....	10	50

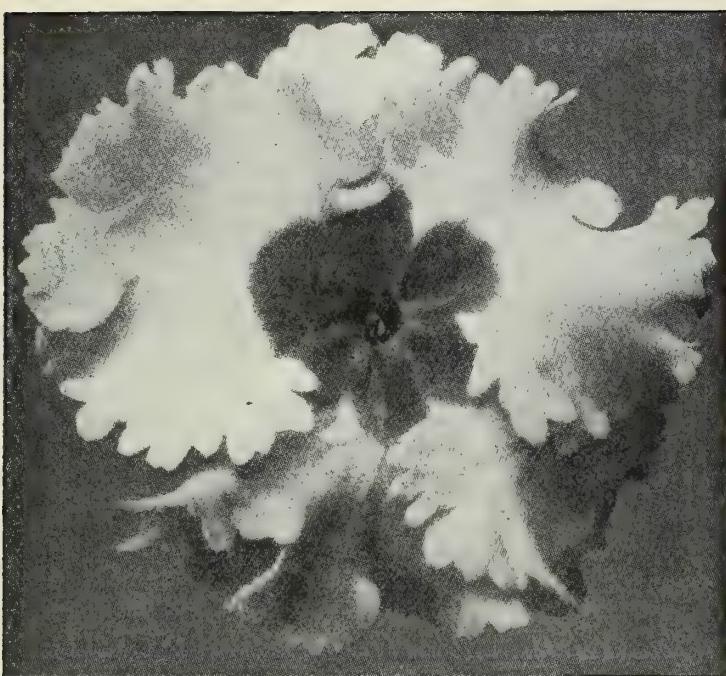
### Double Hardy Annual Varieties

<b>American Flag.</b> White margined orange-scarlet.....	10	
<b>Carnation-Flowered.</b> Finest mixed.....	05	25
<b>White Swan.</b> Immense flowers, beautifully fringed.....	05	25
<b>Peony-Flowered.</b> Mixed.....	05	25
<b>Ranunculus, or French, Mixed.</b> .....	05	25

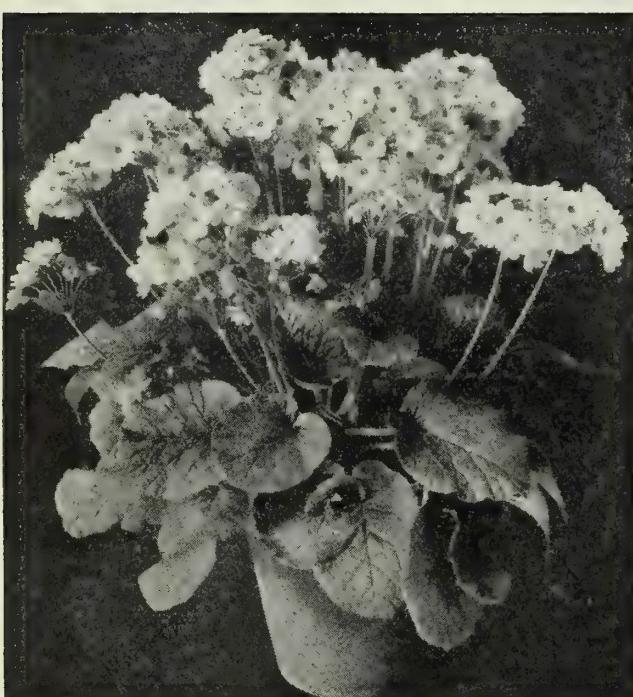
### Hardy Perennial Varieties

Too much cannot be said of this class of Poppies, as for general effectiveness and brilliancy of display they are unequalled.		
<b>Bracteatum, Scarlet.</b> Immense orange-scarlet flowers, very similar to the oriental variety.....	\$0 10	Oz.
<b>Iceland (Nudicaule) Scarlet.</b> .....	10	\$1 00
" " White.....	10	1 00
" " Yellow.....	10	1 00
" " Mixed.....	10	75
" Double Mixed.....	10	75
<b>Oriental, Rose.</b> 3 feet.....	10	1 50
" Brilliant Scarlet. 3 feet.....	10	1 50
" Little Prince. 1 1/2 feet.....	10	
" Prince of Orange. 3 feet.....	10	
" Finest Mixed.....	10	

SOW ANNUAL POPPIES EARLY IN SPRING WHERE INTENDED TO BLOOM



S. & W. Co.'s Giant Primulas



Primula obconica

**Rehmannia angulata.** Greenhouse herbaceous perennial from central China, erect habit; 2 to 3 feet in height; flowers 3 inches in diameter, rosy purple with yellow throat, spotted with deep purple; of easy culture; blooms nine months from time of sowing seed. Pkt. 50 cts.

**Pink Perfection.** Bright rosy pink. Pkt. 35 cts.

**RHODANTHE.** See Everlasting Flowers.

### Salvia

One of our most handsome summer- and autumn-flowering plants, growing into compact bushes about 3 feet high and literally ablaze with brilliant flowers; very effective for massing on the lawn and for garden decorations. Half-hardy perennial.

**Splendens.** Scarlet. Pkt. 5 cts., oz. \$2.

**Bonfire** (*Salvia splendens nana compacta erecta*). This variety, without question, is the finest Salvia for bedding yet introduced. The plants grow into very compact oval bushes, about 2½ feet high and produce long spikes of brilliant scarlet flowers. They stand out stiff and erect; over 200 spikes to a plant is not unusual, and the spikes bear from twenty to thirty flowers each. Gorgeous effects can be produced with the Bonfire Salvia massed on the lawn or in the garden, or planted in rows along a sunny drive, where the brilliant scarlet is simply dazzling. Pkt. 10 cts., ¼ oz. \$1.50, ½ oz. \$2.50, oz. \$5.

## PRIMULA

The strains of Primula offered below are specially grown for us by a famous English Primula specialist and are selected from the finest and best developed plants. Seed sown in April will bloom during early winter; August for spring blooming. Sow in shallow pans, in soil consisting of part sand and leaf-mold, allowing good drainage. Cover seeds lightly and water frequently; give a temperature of about 65 degrees.

### Primula Sinensis

#### Stumpp & Walter Co.'s Giant Primulas

Giant magnifica Blue	Giant Salmon
" Crimson	" White Fern-Leaved
" Rose Queen	" Mixed
" Ruby Queen	
	Pkt. 75 cts.; collection of 6 pkts. for \$4.25
Giant Double White	Giant Double Rosy Pink
" " Princess of Wales	" " Salmon-Pink
" Scarlet	Mixed
" Blue	
	Pkt. 75 cts.; collection of 6 pkts. for \$4.25

### Primula Stellata

Giant White Star	Giant Crimson Star	Giant Rosy Star
" Salmon-Pink	" Blue Star	" Mixed
Pkt. 75 cts.; collection of 6 pkts. for \$4.25		

### Primula obconica gigantea

This type of Primula outrivals the old Obconica type, the flowers being considerably larger, often measuring 1½ inches in diameter. For pot culture this type is very useful, as well as the open border.

Obconica gigantea Kermesina.	Rich crimson.....	Pkt. \$0 25
" rosea. Rose.....		25
" alba.....		25

### PRIMULA Forbesi (Baby Primrose)

**Kewensis.** Flowers in whorls of bright yellow, rising upon spikes of 10 inches above the foliage, which is bright green. As a decorative plant for conservatory use this variety is bound to win popularity..... 75

**Pyrethrum aureum** (Golden Feather). Half-hardy perennial, grown as annuals. Valuable for edging, as their foliage makes bedding plants. Pkt. 5 cts., oz. 50 cts.

**Aureum, Excelsior.** Very dwarf, compact form; good color; does not bloom until late in the autumn. Pkt. 25 cts.

**Golden Moss.** Very dwarf and mossy; good golden color, the most suitable of all for carpeting. Pkt. 25 cts.

**Roseum hybridum, Large Flowering, Single Mixed.** Pkt. 15 cts.

**Roseum hybridum, Double Mixed.** Pkt. 25 cts.



Salvia splendens

# STUMPP & WALTER CO.'S STERLING SEEDS

## SALVIA, continued

**Glory of Stuttgart.** Brilliant scarlet; large spike, beautiful compact variety. Pkt. 25 cts.,  $\frac{1}{4}$  oz. \$2, oz. \$7.  
**Patens.** Flowers intense bright blue, of large size and velvety texture. 2 feet. Pkt. 25 cts.,  $\frac{1}{8}$  oz. \$1.25.  
**Zurich.** A compact grower of Splendens type, very dwarf. Pkt. 25 cts.,  $\frac{1}{8}$  oz. \$1.

## SALPIGLOSSIS (Painted Tongue)

The Salpiglossis is one of the greatest favorites among annuals, but principally for its beautiful, orchid-like flowers, which it produces from spring to fall. Seed should be started indoors early in spring and set out as soon as weather has become settled.

**Emperor.** Grows about 2 feet high and branches out similar to a mature tree. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

### SALPIGLOSSIS GRANDIFLORA

	Pkt.	$\frac{1}{4}$ oz.
<b>White</b> .....	\$0 10	\$0 50
<b>Brown</b> .....	10	50
<b>Scarlet</b> .....	10	50
<b>Crimson</b> .....	10	50
<b>Sulphur-Yellow</b> .....	10	50
<b>Rose</b> .....	10	50
<b>COLLECTION. 6 separate varieties</b> .....		\$0 25

**SMILAX.** Charming tender perennial climber for greenhouse or window-gardens. The foliage and stems are of a pleasing light green, very graceful; excellent for decoration. Pkt. 10 cts., oz. \$1.

**SENSITIVE PLANT.** See **Mimosa**.

**SILENE** (Catchfly). Dwarf hardy perennial; fine for border; pink flowers; blooms early in the spring and lasts through August.

	Pkt.
<b>Armeria.</b> Hardy annual. Mixed .....	\$0 05
<b>Pendula, Dwarf Rose.</b> 6 inches.....	05
<b>Pendula, Dwarf White.</b> 6 inches.....	05



Salpiglossis grandiflora



Schizanthus Wisetonensis

## Scabiosa

### (Mourning Bride; Pin Cushion Flower; Sweet Scabious)

A very pretty and attractive free-flowering plant. Hardy annual.

	Pkt.	Oz.
<b>Azure Fairy.</b> Fine rich, pale blue.....	\$0 10	\$1 00
<b>Fiery Red.</b> Very bright.....	05	50
<b>Pompadour.</b> Purple-black.....	05	50
<b>King of the Blacks.</b> Very black.....	05	50
<b>Flesh-Color.</b> .....	05	50
<b>Pure White.</b> .....	05	50
<b>Dwarf, Double Large-Flowered, Mixed.</b> .....	05	35
<b>Tall, Double Large-Flowered, Mixed.</b> .....	05	35
<b>Caucasica.</b> Hardy perennial. 2 feet. Lavender-blue.....	10	3 00
<b>Caucasica alba.</b> Pure white. 2 feet.....	25	

**SCHIZOPETALON Walkeri.** Pretty hardy annual with numerous white, almond-scented, fringed flowers; sow where intended to bloom. 9 inches. June to September. Pkt. 10 cts.

## SCHIZANTHUS (Butterfly, or Fringe Flower)

These dainty plants are of easy culture in any good garden soil. They are also useful as pot plants for spring flowering, the seed being sown in early fall and the plants kept in a light house and given plenty of room as they need it.

Pkt.

**Wisetonensis.** Charming, new, long-blooming varieties, multitudes of light-colored flowers, excellent pot plants. Carefully selected strain..... \$0 25

**Hybridus grandiflorus.** New. A very popular strain of this popular and showy annual, plants grow 12 inches in height, compact and pyramidal habit, great range of colors, bright and showy.. 25

Pkt.

**Grahami.** Red..... 10

**Pinnatus.** Large, lilac-flowered..... 10

Pkt.

**Retusus, Rosamond.** Bright rose..... 25

**Retusus Trimaculatus.** Rosy crimson, yellow lip..... 25

Pkt.

**Mixed.**..... 10

**STATICE incana hybrida nana** (Sea Lavender). Violet. June to September. Pkt. 10 cts.

**SHAMROCK, Small-Leaved.** Pkt. 5 cts.

**SOLANUM arboreum** (Jerusalem Cherry). Large-leaved variety..... \$0 10

**Capsicum, Hayes'.** Coral-red berries; excellent winter pot plant..... 25

## NOVELTY GIANT ORCHID-FLOWERING SWEET PEAS

SEE SECOND PAGE OF COVER

# Special Collections of Sweet Peas

We receive a great many requests from our customers, who are interested in a selection of the best varieties of Sweet Peas, for a selection of a number of varieties. We have listed below various numbers of Sweet Peas which can be selected as best suited to our customers' needs. To those wishing a complete collection of Spencers, we recommend our Exhibition Collection, which contains several of the novelties for 1910 and 1911.



Ramona Spencer and Frank Dolby Sweet Peas

## CUPID SWEET PEAS

Compact, dwarf plants, not over 6 or 7 inches high, covering a circumference of about 18 inches, hugging the ground, with no tendency to either climb or trail.

**Cupid Sweet Peas.** Mixed colors, including many varieties. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Bush Sweet Peas.** Mixed. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

## A Few Unwin Favorites

Although of distinct origin, Gladys Unwin is nearly of the same type as the Countess Spencer, but the flowers are not so large. These seedling varieties resemble the parent and generally come uniformly waved and fluted.

**Phyllis Unwin.** The flowers are larger in size than the original Gladys Unwin and similarly crinkled, wavy standard with broad wings. The long, stout stems carry three and four flowers each; of a beautiful rose color throughout. Comes perfectly true. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. 90 cts.

**Mrs. Alfred Watkins.** Flowers of large size, beautifully formed and widely spreading, with the wavy or crinkled effect so much admired. Both standard and wings are a clear pink color which is suffused over the entire flower, but rather deeper and heavier at the outer edges. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**E. J. Castle.** The color is a rich carmine-rose with salmon shading in the standard. This rich color with the bold, wavy standard of the Unwin type makes a most striking effect, especially in artificial light. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 35c., lb. \$1.

Collection, one packet each, 6 varieties, 35 cts.; one ounce each, 6 varieties, \$1

## Exhibition Collection (Spencer)

Asta Ohn Spencer	King Edward Spencer	Queen Victoria Spencer
Aurora Spencer	Lovely Spencer	Ethel Roosevelt Spencer
Beatrice Spencer	Miriam Beaver	(1911)
Captain of the Blues	Mrs. Sankey Spencer	Senator Spencer
Countess Spencer	Mrs. Routzahn	Ramona Spencer
Florence Morse Spencer	Primrose Spencer	Tennant Spencer
Flora Norton Spencer	Marie Corelli	W. T. Hutchins
George Herbert	Othello Spencer	White Spencer
Helen Lewis	Florence Nightingale ('11)	

Exhibition Collection, packet each, 25 varieties, \$3

## Standard Dollar Collection (Spencer)

This collection comprises ten varieties considered by many who grew them last year, as worthy of a trial.

Asta Ohn	Helen Lewis Spencer	Primrose Spencer
Aurora Spencer	King Edward Spencer	Countess Spencer
Captain of the Blues Spencer	Othello Spencer	White Spencer
Florence Morse Spencer		

Standard Dollar Collection, one packet each, 10 varieties, \$1

## Sweet Peas in Mixture

**S. & W. Co.'s Giant Orchid-Flowering, Mixed.** This is a combination or blend of the new Spencer types which are separately described on page 3. This mixture includes a great many of the best Spencer varieties. Good care is taken to see that all the colors are represented. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.,  $\frac{1}{4}$  lb. 85 cts., lb. \$1.50.

**High Grade Mixed.** This mixture is composed of the best of the Grandiflora named varieties, and every care is taken to see that all the colors are well represented. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. 75 cts.

**Eckford's Large-flowering Mixed Sweet Peas.** This strain, while not embracing the most recent novelties, contains a good assortment of the famous Eckford Sweet Peas. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. 50c.

**Double Sweet Peas, Mixed.** A mixture of double varieties. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.,  $\frac{1}{4}$  lb. 85 cts., lb. \$1.50.

**Gladys Unwin.** A bold flower with a striking upright standard which is crinkled and waved; broad wings. Of a lovely light pink color. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30., lb. 90 cts.

**Nora Unwin.** A very beautiful pure white variety, finely waved or fluted. The flowers are borne generally three on a stem, and while not so boldly spreading as are the flowers of White Spencer, the standard is distinctly erect and the wings curve in closer to the keel. Of good substance and a finely effective flower, it has been pronounced "the next best white" to Burpee's White Spencer, and comes true from seed. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Frank Dolby.** A lovely light lavender, the same shade as Lady Grisel Hamilton, but has a bold, wavy standard and widely spreading wings, beautifully fluted. It is larger and finer than any other lavender Sweet Pea, excepting only Asta Ohn. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.



## NAMED SWEET PEAS ARRANGED ACCORDING TO COLOR

Price, any of the following sorts, pkt. 5 cts., oz. 10 cts., quarter-pound 25 cts., half-pound 40 cts., lb. 75 cts.

### WHITE

**Dainty.** White with pink edge.

**Dorothy Eckford.** Excellent pure white.

**Emily Henderson.** Large flowers, pure white.

**Mont Blanc.** Earliest flowering white.

**White Wonder.** Truly named; this Sweet Pea often bears six flowers to a stem, some of which frequently come double.

### PRIMROSE-YELLOW

**Earliest Sunbeams.** A very desirable variety for early flowering. The flowers are of rich primrose color generally borne three on a strong stem.

**Hon. Mrs. E. Kenyon.** Primrose; a very excellent sort.

**Stella Morse.** Rich primrose, flushed pink.

**Mrs. Eckford.** A large flower of charming primrose-yellow.

### ORANGE-PINK

**Evelyn Byatt.** Rich orange standard with falls or wings of a deeper color, giving a rich, fiery orange or deep sunset color to the entire flower; very striking and unique.

**Miss Willmott.** Standard orange-pink, showing veins of deeper orange-pink.

**Helen Lewis.** Fine orange-pink, larger flower and showy wavy standard.

**Henry Eckford.** Bright, soft flowering orange, extra-fine flower.

### PINK

**Countess of Lathom.** An excellent delicate self pink.

**Lovely.** Soft shell-pink; large flowering.

**Marchioness of Cholmondeley.** Cream shaded and edged with pink.

**Mrs. Gladstone.** Soft pink, rosy blush wings.

### PINK AND WHITE

**Earliest of All.** Pink and white, very early.

**Extra-Early Blanche Ferry.** Pink and white.

### ROSE, OR DEEP PINK

**Janet Scott.** Deep bright pink.

**Katherine Tracy.** Exquisite bright pink, stands the sun quite well without fading.

**Mrs. Knight Smith.** Pink, sports somewhat.

### LAVENDER

**Countess of Radnor.** Standard delicate lavender, wings dark mauve.

**Lady Grisel Hamilton.** A very beautiful silvery lavender.

### MAROON

**Black Knight.** Deep maroon, self colored.

**Shahzada.** Maroon, shaded black at base.

**Othello.** A deep glossy maroon self. An excellent variety and very profuse bloomer.

### SCARLET AND CRIMSON

**King Edward VII.** A very excellent scarlet variety.

**Queen Alexandra.** Considered by many to be one of the finest scarlets. Stands sun unusually well.

**Salopian.** The best of the crimson-scarlets.

### BLUE, PURPLE AND MAUVE

**Emily Eckford.** Rosy mauve, changing to an almost true blue.

**Captain of the Blues.** Standard purple-blue, wings bright blue.

**Countess of Cadogan.** Standard light bluish purple, wings clear blue.

**Helen Pierce.** Blue mottled on white ground, a pretty and distinct variety.

**Mrs. Walter Wright.** A beautiful shade of mauve, with bright, shaded mauve wings; flowers large, slightly hooded.

**Dobbie's Mid-Blue.** A medium-sized flower with fine, erect standard. An excellent exhibition variety.

**Navy Blue.** Dark indigo-blue and violet.

**Romolo Piazanni.** Rosy purple, self-colored, changing to lilac and blue when fully expanded.

### VARIEGATED

**America.** Large bold flower; white striped with blood-red.

**Aurora.** Orange-rose, striped on white.

Delivered free in the United States.

Our packets contain about 100 seeds, sufficient for a single row six feet.

### SPECIAL OFFER

Collection, one packet each, twenty-five varieties . . . \$1 00

Collection, one packet each, twelve varieties . . . . . 50

OUR OUNCES CONTAIN ABOUT 400 SEEDS

Packet . . . . . 5 cts.

Ounce . . . . . 10 cts.

Quarter-pound . . . . . 25 cts.

Half-pound . . . . . 40 cts.

Pound . . . . . 75 cts.

## Dwarf Large-flowering Ten Weeks Stocks

These popular flowers are easily grown, and are so highly fragrant and of such great beauty, and have so many good qualities, that they deserve a place in every garden. They should be given good rich soil to grow in, and will amply reward good treatment with remarkably large pyramids of bloom; the flowers represent a great diversity of color. The double Large -flowering Ten Weeks Stocks are great improvements over the Gilliflowers of the olden times, the flowers being much larger and more densely double, and there is also a much larger variety of colors and shades than there used to be.

## High-bred, Dwarf Large-flowering Ten Weeks Stocks

The finest stock for bedding, or growing in pots. Our stock of seeds of these have been gathered from plants growing in pots, and are therefore the very finest procurable.

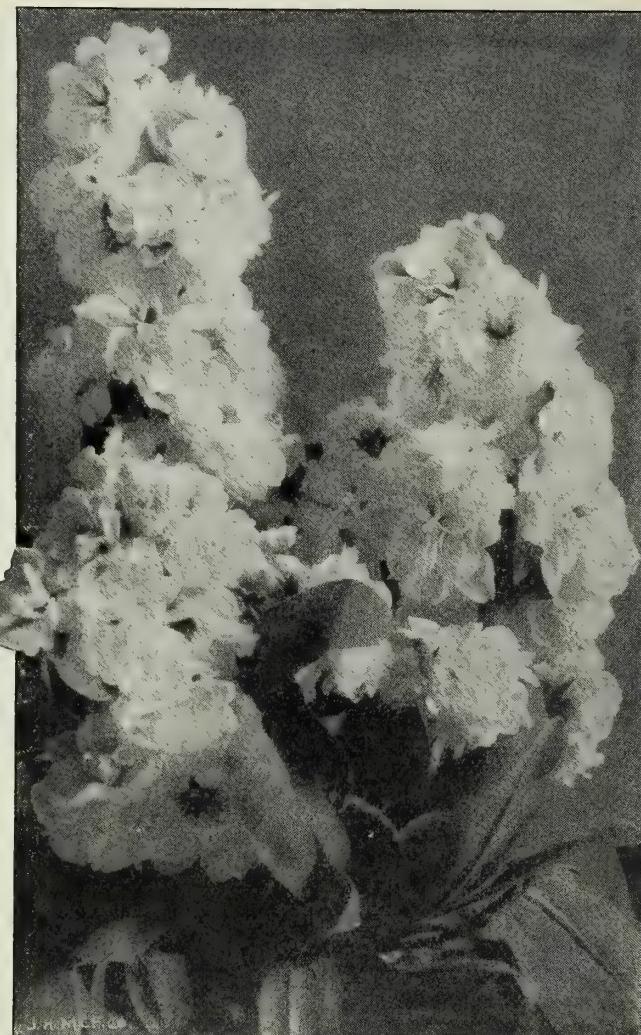
	Pkt.	$\frac{1}{8}$ oz.
White	\$0 25	\$1 00
Carmine-Scarlet	25	1 00
Crimson	25	1 00
Light Rose	25	1 00
Brilliant Rose	25	1 00
Canary-yellow	25	1 00
Shining Purple	25	1 00
Blood-Red	25	1 00
Finest Mixed	25	1 00
Ten Weeks Stocks, Fine Mixed	10	.75

## Dwarf Forcing Ten Weeks, Snowflake.

A beautiful dwarf-growing variety; very large double white flowers; very early. Pkt. 25 cts.

## Cut-and-Come-Again Stocks

The best variety for cutting. Seed of these varieties, if planted in February, will be in full bloom by the latter part of May, or, planted



S. & W. Co.'s Cut-and-Come-Again Stocks

### CUT-AND-COME-AGAIN STOCKS, continued

in May, will be in bloom during July and August. Stock high-bred Cut-and-Come-Again.

	Pkt.	$\frac{1}{8}$ oz.
Princess Alice. White	\$0 25	\$1 00
Fiery Crimson	25	1 00
Dark Blue	25	1 00
Empress Elizabeth	25	1 00
Beauty of Nice	25	1 00
Chamois-rose	25	1 00
Light Blue	25	1 00
Sulphur-yellow	25	1 00
Queen Alexandra	25	1 00
Mixed	25	1 00

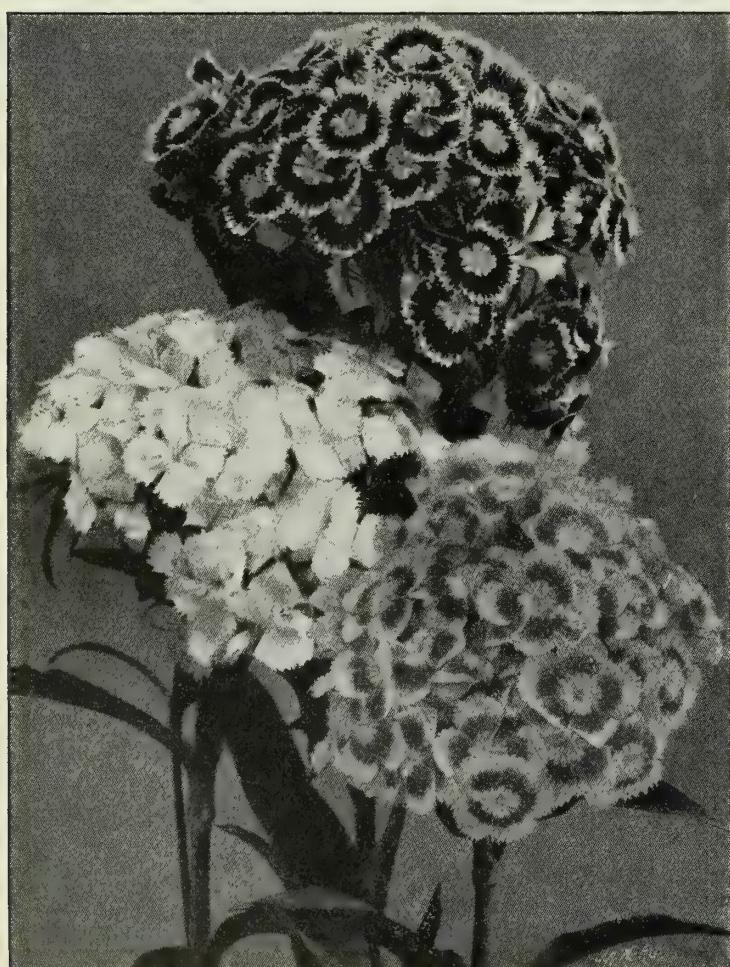
## Winter-flowering Stocks

	Pkt.	Oz.
Beauty of Nice. A very pretty shade of flesh-pink	\$0 25	
Canary-yellow. Beautiful canary-yellow		25
Empress Elizabeth. Bright rose		25
Rose of Nice. Carmine-rose		25
Peach-blossom. Salmon-pink		20
Crimson King. Fiery scarlet		25
Queen Alexandra. Lilac-rose; very attractive		25

## Sweet William (*Dianthus barbatus*)

A well-known, free-flowering favorite, unsurpassed for richness and variety of color. Very effective for bedding. Hardy biennial. 1½ feet.

	Pkt.	Oz.
Single, Finest Mixed. Pure white. Dark red	\$0 05	\$0 35
" Black-Red	05	50
" oculatus. Very bright color with eye	05	50
" marginatus. Bordered, with eye	05	50
" Holborn Glory. Extra-large flowers; finest shades	10	1 00
" Pink Beauty. Deep pink; very fine	10	1 50
Double, Finest Mixed	10	1 50
" Pure White	10	1 50
" Dark Red	25	4 00
" oculatus marginatus. Bordered, with eye	20	3 00



Sweet William (*Dianthus barbatus*)

## Stokesia cyanea, or Cornflower Aster

### A BEAUTIFUL HARDY PERENNIAL

This beautiful native hardy plant is not yet so well known as it should be. Without doubt the most valuable novelty of recent introduction. No garden, large or small, should be without it. No picture, be it ever so perfect, can do justice to its delicate beauty. When once seen every one will want a bed of them. As a single specimen or group in the hardy border it makes for itself a place that cannot be filled by any other hardy plant, while for beds or masses of any size it ranks with the Phlox, Peony and Iris. It is of the easiest culture, growing easily from seed and also multiplied by division of the plant. The plants grow from 16 to 24 inches high, and in the North bloom from July to late in October, while in the South they bloom during May and June, with occasional blooms later if kept well cultivated. Although a native of the sunny South, it seems to grow equally well all over the North and is reported perfectly hardy as far north as northern Wisconsin. Its beautiful centaurea-like blossoms of a delicate lavender-blue color are highly valuable for cutting, supplying a shade of color not over plentiful at any season of the year. It starts off rather slowly when first set out and is far superior the second year after setting, so should be set where it can make a permanent bed. Pkt. 25 cts., 1/8oz. \$1, 1/4oz. \$1.75.

**STEVIA Serrata.** A tender perennial, in great favor for cutting purposes; large heads of small white flowers of very graceful effect. Pkt. 5 cts.

**TRITOMA uvaria grandiflora** (Red-hot Poker Plant). Hardy Pkt. perennial. Flowers scarlet, orange and yellow, on a very prominent spike. September. 4 feet ..... \$0 10

**Express.** New. Similar to above, but throws up its flowers as early as June and continues till frost ..... 20

**May Queen.** New. Hardy perennial. Bright yellow flowers appear continuously from June till frost. The best sort in cultivation. 2 feet. June to October ..... 25

**THUNBERGIA.** Ornamental, free-flowering climbers of rapid growth, with handsome foliage and much admired flowers. They should be sown in a warm situation. Half-hardy annual.

	Pkt.	Oz.
<b>Alata.</b> Buff, with dark eye.....	\$0 05	\$1 25
<b>Alba.</b> White, with dark eye.....	05	1 25
<b>Bakeri.</b> Pure white.....	05	1 25
<b>Freyeri.</b> Orange.....	05	1 25
<b>Mixed.</b> .....	05	75



S. & W. Co.'s Mammoth-flowering Verbenas

**TROLLIUS caucasicus** (Orange Globe). A beautiful hardy Pkt. perennial, with large, deep, double, yellow flowers. 1 foot ..... \$0 25  
**Europaeus** (Double Buttercup). Hardy perennial, with very large yellow globular flowers from May to August ..... 10  
**Japonicus** (Giant Double Buttercup). One of our best yellow-flowering hardy perennials. Flowers large. June and July ..... 25

**TORENIA.** Pretty plants for vases or hanging-baskets. Succeed well in the open ground. Tender annual. 1 foot. Pkt. 1/16oz.

**Ballonii.** Golden yellow, deep red throat ..... \$0 25 \$2 00  
**Fournieri.** Porcelain-blue and rich violet; throat bright yellow ..... 10 60

**White Wings.** Pure white, with rose throat ..... 10 2 00

## S. & W. Co.'s Verbenas

We take special pains with our strain of Mammoth Verbenas, continually selecting and keeping it up to the highest point for size of flowers, purity of color, etc. They should be sown early to get nice plants in time for spring.

	Pkt.	\$0 10
<b>S. &amp; W. Co.'s Mammoth, Mixed</b> .....		
<b>S. &amp; W. Co.'s Defiance.</b> Red.....		10
<b>S. &amp; W. Co.'s Dark Scarlet Shades</b> .....		10
<b>S. &amp; W. Co.'s Rose and Carmine</b> .....		10
<b>S. &amp; W. Co.'s Purple Shades</b> .....		10
<b>S. &amp; W. Co.'s White.</b> Very beautiful.....		10
<b>S. &amp; W. Co.'s Lemon-scented</b> .....		10
<b>S. &amp; W. Co.'s Mixed</b> .....	Oz.	\$1 .05
<b>S. &amp; W. Co.'s Venosa.</b> A hardy perennial variety, with bright flowers.....		10

### COLLECTION. 5 varieties. \$0 50

**VALERIAN, Finest Mixed** (Garden Heliotrope). Pkt. Oz. Hardy perennial. Pinnate foliage and panicles of flowers, with odor of heliotrope. 5 feet. June and July ..... \$0 05 \$0 30

<b>Red</b> .....	10	50
<b>White</b> .....	10	50

**VERONICA longifolia.** A very pretty, hardy perennial, with blue flowers produced on spikes 1 foot long, and lasting in flower all summer. Pkt. 10 cts.

**VINCA.** Beautiful. Fine for parlor, greenhouse or garden decoration. Their color can hardly be surpassed. Tender perennial. 1 1/2 feet.

	Pkt.	Oz.
<b>Alba.</b> Pure white.....	\$0 10	\$1 00
<b>Rosea.</b> Bright rose.....	10	1 00
<b>Rosea alba.</b> White, with rosy eye.....	10	1 00
<b>Mixed.</b> .....	10	75

## Viola (Tufted Pansies)

While the flowers of Tufted Pansies are not so large as the regular type, yet they bloom so freely that they are superior to Pansies where effect is wanted, the colors being particularly clear and distinct; they also bloom for a longer time. Seed sown in April produces flowering plants in June, and from then on until frost they are a sheet of bloom.

	Pkt.	Oz.
<b>Cornuta, Admiratio.</b> Large dark blue.....	\$0 25	
" <b>Purple Queen</b> .....	10	\$3 00
" <b>Mauve Queen</b> .....	10	3 00
" <b>alba.</b> White.....	10	2 50
" <b>Papilio.</b> Blue with white.....	10	2 50
" <b>Perfection.</b> Light blue; large-flowered, long-bloomer.....	10	2 50

### NAMED SCOTCH STRAINS, BEDDING VARIETIES

<b>Ardwell Gem.</b> Large, rayless flower; fine bedding variety; Pkt. primrose-colored.....	\$0 25	
<b>Blue Gown.</b> Blue, tinted mauve.....	25	
<b>Countess Howe.</b> Rayless yellow.....	25	
<b>Duncan.</b> Royal purple.....	25	
<b>Kitty Bell.</b> Grayish mauve.....	25	
<b>Lord Elcho.</b> Yellow.....	25	
<b>White Beauty.</b> White.....	25	

**VIOLET (*Viola odorata*).** Single Sweet Violet. Pkt. 10 cts.

	Pkt.	Oz.
<b>WAHLENBERGIA grandiflora</b> (Chinese Bell-flower). A superb hardy perennial, bearing a profusion of large, bell-shaped, blue flowers from June to October. 2 to 3 feet.		
<b>Grandiflora alba.</b> White.....	\$0 10	\$0 75
" <b>coerulea plena.</b> Dark blue.....	10	75
" <b>nana (Mariesi).</b> Dark blue.....	10	75
" <b>nana alba</b> .....		25

## Wallflower

A very highly prized, old-fashioned plant, grown largely for its fragrance.

### ANNUAL VARIETIES

	Pkt.	Oz.
<b>Early Parisian.</b> Light brown.....	\$0 10	\$0 50
<b>Chamois</b> .....		10
<b>Creamy White</b> .....		10
<b>Yellow</b> .....		10
<b>Yellow</b> , with brown buds.....		10
<b>Annual Mixed</b> .....	10	40
<b>Single, Fine Mixed.</b> Half-hardy perennial .....	10	
<b>Double, Fine Mixed.</b> Half-hardy perennial .....	10	

**Winter-blooming Wallflower.** (*Cheiranthus Kewensis*). A

beautiful shade of yellow on opening of flower, gradually changing to orange or purple-violet. Pkt. 25 cts.

**WHITLAVIA grandiflora.** Hardy annuals, with numerous dark blue, bell-shaped flowers. Flowering from June to October. Pkt. 5 cts., oz. 30 cts.

**Grandiflora alba.** White. Pkt. 5 cts., oz. 30 cts.



Giant Double-flowering Zinnia

## ZINNIAS (Youth-and-Old-Age)

Well-known favorites, suitable for every garden, blooming most profusely from July to frost. Hardy annual.

**Zinnia, Giant Double-flowering.** Our stock

of this very popular garden flower is very carefully selected only from the largest and most double-flowering varieties.

	Pkt.	Oz.
<b>Double Giant Mixed</b> .....	\$0 25	\$2 00
" " <b>White</b> .....	25	2 00
" " <b>Crimson</b> .....	25	2 00
" " <b>Rose</b> .....	25	2 00
" " <b>Scarlet</b> .....	25	2 00
" " <b>Yellow</b> .....	25	2 00

## Dwarf Double-flowering

<b>Crimson</b> .....	05	75
<b>Flesh-color</b> .....	05	75
<b>Golden</b> .....	05	75
<b>Lemon-Yellow</b> .....	05	75
<b>Salmon-Rose</b> .....	05	75
<b>Scarlet</b> .....	05	75
<b>White</b> .....	05	75
<b>Finest Mixed</b> .....	05	50
<b>Tall, Double Giant-flowering, Mixed</b> .....	10	1 00

## Zinnia Lilliput

<b>Scarlet Gem.</b> This variety forms a bush 1 foot in height, covered with miniature, very double flowers of intense scarlet .....	\$0 10	\$0 25
<b>Golden Gem</b> .....	10	25
<b>Lilac Gem</b> .....	10	25
<b>Orange Gem</b> .....	10	25
<b>White Gem</b> .....	10	25
<b>Finest Mixed</b> .....	10	20
<b>Haageana fl. pl.</b> (Mexican Zinnia). A dwarf variety of deep orange-colored flowers.....	10	25
<b>Curled and Crested.</b> Large, double flowers, with petals twisted, curled and crested into the most fantastic and graceful forms. Usual range of colors.....	10	
<b>Striped, or Zebra.</b> Large, double flowers of orange, crimson, pink, yellow, white, etc., striped and blotched with different colors. Mixed colors.....	10	
<b>Nana compacta, Miniature.</b> Very pretty; fine for edging, being considerably smaller and the plants dwarf and compact.....	10	
<b>Pumila.</b> Very dwarf and growing very compact.....	10	
<b>Queen Victoria.</b> A very large-flowering sort of pure white, very double flowers fully measure 4 inches across. 15		1.00

## A GOOD RULE TO FOLLOW

In selecting Stumpp & Walter Co.'s Sterling Seeds is to grow varieties listed in heavy type, and you will enjoy having the finest Flowers and Vegetables procurable.

REMEMBER we are also headquarters for this year's introductions in Dahlias and Gladiolus.

# Ornamental Grasses

The annual varieties are principally grown for their beautiful flower panicles which when dried are very useful for bouquet work. Perennial varieties are very valuable for borders or massed between shrubs or on the open lawn. Many of the varieties listed below have beautiful variegated foliage and when planted as indicated above, they are most effective and pleasing.

**Annuals, except where otherwise stated. Sow outside in May, transplant or thin out when large enough to handle. If grasses are cut before they are ripe, they will keep for a long period.**

**AGROSTIS nebulosa.** Annual. A very beautiful variety. Pkt. 10 cts.

**Pulchella.** A very striking sort. Pkt. 10 cts.

**ANTHOXANTHUM gracile.** Annual. Useful for edging. Pkt. 10 cts.

**BRIZA compacta.** Very pretty annual. 18 inches. Pkt. 10 cts.

**Geniculata.** Very pretty annual. 18 inches. Pkt. 5 cts., oz. 40 cts.

**Gracilis.** Very pretty annual for bouquets. 12 inches. Pkt. 5 cts.

**Maxima.** Considered by many to be one of the best varieties for bouquet and dried flowers. Annual. 12 inches. Pkt. 10 cts., oz. 50 cts.

**BROMUS Brizaeformis.** Large drooping panicles, useful for bouquets. Annual. 2 feet. Pkt. 10 cts.

**COIX lacryma** (Job's Tears). A strong broad-leaved grass with large shining pearly seeds. Annual. 3 feet. Pkt. 5 cts.

**ERIANTHUS Ravennae.** A hardy perennial grass resembling the Pampas, with beautiful foliage and fine silvery plumes; excellent for lawn specimens. Blooms first year from seed if sown early. Pkt. 10 cts.

**ERAGROSTIS elegans** (Love Grass). Annual. 1 foot. Pkt. 10 cts.

**EULALIA Japonica foliis vittatis.** A very beautiful perennial variety used for forming large clumps. Leaves dark green, striped white. 4 feet. Pkt. 10 cts.

**Zebrina** (Zebra Grass). A very striking variety, very extensively used, where an attractive variegated variety is wanted. 4 feet. Pkt. 10 cts.

**GYNERIUM argenteum** (Pampas Grass). Perennial, with magnificent silvery plumes. 6 feet. Pkt. 10 cts.

**Jubatum.** Panicles silvery rose. Pkt. 10 cts.

**HORDEUM jubatum** (Squirrel Tail Grass). Annual, used for bouquets. 2 feet. Pkt. 10 cts.



A bed of Ornamental Grasses

**ISOLEPIS gracilis.** Graceful dwarf grass for pots. Pkt. 10 cts.

**LAGURUS ovatus.** Hardy annual, with silvery gray tufts. 1 foot. Pkt. 10 cts.

**PENNISETUM longistylum.** An annual grass with gracefully drooping heads. 2 feet. Pkt. 10 cts.

**Ruppelli.** The foliage is long and slender, gracefully recurved and glossy deep green in color. If sown in March in heat, the plants should bloom by the middle of July, and the silvery plumes tinted with violet-purple waving in the sunlight are exquisitely beautiful; hardy perennial. 3 feet. Pkt. 10 cts.

**STIPA elegantissima.** Perennial. Pkt. 10 cts.

**Pennata** (Feather Grass). With silvery white feathery plumes. Pkt. 10 cts.

**SETARIA macrochaeta.** Drooping plumes of graceful appearance. Annual. Pkt. 10 cts.

**UNIOLA latifolia.** Perennial; very pretty. Pkt. 10 cts.

**ZEA Japonica.** Striped maize. Pkt. 10 cts.

**TALL MIXED.** Pkt. 5 cts.

**DWARF MIXED.** Pkt. 5 cts.

<b>COLLECTION.</b> 12 distinct varieties of Ornamental Grasses	.....	\$1 00
6 distinct varieties of Ornamental Grasses	.....	50

## Everlasting Flowers

Annuals, except where otherwise stated. Sow outside in May, when large enough thin out to 6 inches.

	Pkt.	Pkt.
<b>ACROCLINIUM roseum fl. pl.</b> Double rose .....	\$0 05	
Album fl. pl. Double white.....	05	
Double Finest Mixed .....	05	
<b>CATANANCHE alba.</b> Free-flowering white .....	10	
<b>GLOBE AMARANTH</b> (Bachelor's Buttons). Orange. oz. 30c.	05	
Roseum. Rose .....	oz. 25 cts...	05
Alba. White.....	oz. 25 cts...	05
Rubra. Purple .....	oz. 25 cts...	05
Finest Mixed .....	oz. 25 cts...	05
<b>HELICHRYSUM monstrosum.</b> Double yellow.....	05	
Monstrosum. Double white.....	05	
<b>COLLECTION.</b> 12 splendid varieties .....		\$0 50
6 splendid varieties .....		25



# STUMPP & WALTER CO.'S High-Grade Lawn Grass Seed

FOR LAWNS, GRASS PLOTS, TENNIS COURTS, CRICKET GROUNDS, ETC.

**WEIGHS 22 POUNDS PER BUSHEL**

Our "High-Grade" **Lawn Grass Seed** is composed of the very finest recleaned grasses, free from weeds and all foreign matter, and where a strictly first quality Grass Seed is wanted, we recommend this grade of seed. While the price, \$5 per bushel, may seem high, remember our seed weighs 22 lbs. to the measured bushel, and requires only three to four bushels to the acre for new lawns, and one to two bushels for renovating old lawns.

Sow **S. & W. Co.'s "High-Grade" Lawn Grass Seed** and you will obtain a beautiful, deep green lawn, which, owing to the varieties used in this mixture, will retain its velvety appearance during the entire summer.

One quart of our "High-Grade" **Lawn Grass Seed** is sufficient to sow about 15 square feet; an acre will require from three to four bushels. To produce a good lawn it is always best to sow the seed thickly.

**Price, qt. 25 cts., 4 qts., 85 cts., 8 qts. \$1.50, bus. \$5, 10 bus. \$45**

## Central Park Lawn Grass

The dwarf-growing seed we offer under the above name is the same mixture of selected seeds as has been furnished for several years to the Department of Parks, and to most of the florists and gardeners of New York City and Brooklyn.

One quart of the **Central Park Mixture** is sufficient to sow about 15 feet square; an acre will require from four to five bushels. To produce a good lawn it is always best to sow the seed thickly.

**Price of Central Park Lawn Grass, pint packages, each 10 cts., by mail, 15 cts.; quart packages, each 20 cts., by mail, 30 cts.; half-peck, 60 cts.; peck, \$1; bushel, \$3.50**



# Lawn Grass Mixtures

## FOR SPECIAL SITUATIONS

Having made a special study of grasses, we invite correspondence on the subject, and are always willing to advise, as far as our knowledge will permit, how to secure the desired results, or will cheerfully prescribe for whatever the requirements of any special plot may be. With a view to overcome difficulties in getting grass to grow, generally the result of using mixtures of grasses not adaptable for the peculiar situations and conditions, we offer herewith a few Special Mixtures, made up of varieties which will thrive in these situations, and under the conditions for which they have been prepared.

## Golf Link Mixtures

**Putting Green Mixture.** This mixture is made from the very finest quality of Rhode Island Bent, Creeping Bent, Recleaned Red Top, Crested Dog's-tail, etc. This formula has been used on some of the most prominent Golf Courses in this country. Weighs 22 lbs. to the bushel. Qt. 30 cts., 4 qts. \$1, 8 qts. \$1.75, bus. \$6.

**Golf Link Grass Mixture.** For outlaying grounds. Weighs 16 lbs. to the bushel. Qt. 15 cts., 4 qts. 50 cts., 8 qts. 75 cts., bus. \$2.50; in large quantities, \$2.25 per bushel.

**Special prices quoted on larger quantities**

## Shady Place Lawn Seed

There is nothing more annoying in caring for a lawn than the bare, unsightly spots under the trees, shrubs, etc., and invariably all efforts have failed to get the grass to grow in such places; but by sowing this mixture the difficulties will be overcome. It is a combination of dwarf-growing varieties which will do well in all shaded places, being found in their natural state in woods and other sheltered spots. Qt. 35 cts., 4 qts. \$1, 8 qts. \$1.75, bus. (20 lbs.) \$6.

## Terrace Sod Lawn Grass

**To Grass a Bank or Terrace.** For each square rod take two quarts of lawn grass seed and mix it thoroughly with six cubic feet of good, dry garden loam. Place it in a tub, and add liquid manure, diluted with about two-thirds of water, so as to bring the whole to the consistency of mortar. The slope must be made perfectly smooth, and then well watered, after which the paste should be applied, and made as even and thin as possible.

A special mixture of grasses best suited for sowing on terraces and side hills—grasses that produce strong, spreading roots, thus preventing heavy rains from washing them out; that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich, green turf throughout the season. Qt. 35 cts., 4 qts. \$1, 8 qts. \$1.75, bus. (20 lbs.) \$6.



# Stumpp & Walter Company's Grass Seed Mixtures

## FOR HAY AND PERMANENT PASTURE

For every different kind and condition of soil there are a large number of grasses, either indigenous or introduced, which are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early and others so late that from the beginning of spring until winter sets in there is no time when one species or another is not at its best. From these considerations, the importance of sowing many varieties for pasture and meadow purposes will be apparent, consisting of the following varieties: Orchard Grass, Meadow Foxtail, Sheep's Fescue, Rhode Island or Creeping Bent, Hard Fescue, Sweet-scented Vernal (True Perennial), Meadow Fescue, English Rye Grass, Italian Rye Grass, Red-Top, Timothy and Red Alsike Clover, blended in proportions which we have found, from actual use, give the most satisfactory results.

On ordinarily fertile soil three bushels of this mixture are sufficient to seed an acre, but where the land is poor a larger quantity will be necessary. Taking one soil with another, a fair average would be three bushels to the acre.

**For Hay and Permanent Pasture for Light Soils.**

**For Hay and Permanent Pasture for Medium Soils.**

**For Hay and Permanent Pasture for Heavy Soils.**

**For Orchard and Shady Places.**

**For Hay only.** Specially recommended for large hay crop.

**For Pasture only.** Will stand close cropping without injury.

**Per bus. of 14 lbs. \$2.50, 20-bus. lots \$2.45 per bus., 50-bus. lots \$2.40 per bus., 100-bus. lots \$2.35 per bus.**

### **DWARF ESSEX RAPE**

The true Dwarf Essex Rape is valuable as a fattening food for pasturing sheep in autumn. It is particularly adapted as a "catch crop," for it grows best late in the season. In the northern states it can be sown at any time from May until the end of August, but in the southern states it should not be sown until September or October for winter pasture. Its fattening properties are said to be twice as good as clover. Sow ten to twelve pounds to the acre broadcast, or four to five pounds per acre in drills fifteen inches apart. 10 cts. per lb., \$1 for 10 lbs., \$7 per 100 lbs.

# General List of Grasses, Clover and Millet Seeds

	Weight per bus.	Per bus. Per lb.	Per bus. not deliv'd	100 lbs. not deliv'd
<b>Creeping Bent</b> ( <i>Agrostis stolonifera</i> ). The distinct feature of this grass, as the name implies, is its compact, creeping, rooting stems. It is of rapid growth and spreading habit, and the roots form a strong, enduring turf, that is positively improved by constant tramping. Being of fine texture, it is most valuable for lawns and putting greens. If sown alone, 45 pounds to the acre should be used.....	20	\$0 45	\$8 40	\$40 00
<b>Crested Dog's-tail</b> ( <i>Cynosurus cristatus</i> ). An excellent grass for hard, dry soils; valuable for pastures and lawns.....	21	40	8 00	38 00
<b>English Rye Grass</b> ( <i>Lolium perenne</i> ). A very nutritious, rapid-growing variety; valuable for meadows and pastures .....	24	12	2 15	8 00
<b>Fine-leaved Sheep Fescue</b> ( <i>Festuca ovina tenuifolia</i> ). Valuable for lawns.....	14	45	5 70	40 00
<b>Hard Fescue</b> ( <i>Festuca duriuscula</i> ). One of the most desirable dwarf grasses; excellent for dry soils.....	12	35	4 00	28 00
<b>Italian Rye Grass</b> ( <i>Lolium Italicum</i> ). A valuable European variety, adapted to any climate, and produces large and nutritive crops .....	18	12	1 90	9 00
<b>Kentucky Blue</b> ( <i>Poa pratensis</i> ). Well-known and extensively grown in all parts of the country .....	14	35	4 75	32 50
<b>Meadow Fescue</b> ( <i>Festuca pratensis</i> ). Valuable grass for permanent pasture .....	22	45	9 50	40 00
<b>Meadow Foxtail</b> ( <i>Alopecurus pratensis</i> ). One of the earliest and best pasture grasses, grows rapidly when cut or eaten down by stock .....	7	40	2 60	35 00
<b>Orchard.</b> A valuable pasture grass, relished by stock of all kinds; particularly adapted for growing in shady places .....	14	35	4 50	30 00
<b>Red, or Creeping Fescue</b> ( <i>Festuca rubra</i> ). Suitable for sandy seacoast and on dry soil.....	14	40	5 25	35 00
<b>Red-Top Grass Seed</b> ( <i>Agrostis vulgaris</i> ). Fancy re-cleaned.....	32	30	8 25	25 00
<b>Red-Top.</b> Choice .....	14	15	2 00	12 00
<b>Rhode Island Bent</b> ( <i>Agrostis canina</i> ). Excellent for lawns or pasture .....	14	45	6 00	40 00
<b>Rough-stalked Meadow</b> ( <i>Poa trivialis</i> ). Produces an abundant crop of highly nutritious herbage; valuable for either moist or dry soils .....	14	50	5 25	35 00
<b>Sheep Fescue</b> ( <i>Festuca ovina</i> ). An excellent grass for sheep pasture.....	12	35	3 50	28 00
<b>Sweet Vernal</b> ( <i>Anthoxanthum odoratum</i> ). A very early variety; should be sown with other grasses.....	10	1 co	9 00	80 00
<b>Tall Oat Grass</b> ( <i>Avena elatior</i> ). Producing an early and luxuriant growth; valuable for pastures.....	10	30	2 80	24 00
<b>Timothy.</b> A variety well known and highly appreciated, producing a profitable hay crop in almost any soil. Sow three-fourths bushel to acre .....	45	16	6 75	13 50
<b>Wood Meadow</b> ( <i>Poa nemoralis</i> ). A very productive and nutritious grass, adapted for lawns or pastures. Thrives well under trees.....	14	75	9 80	65 00

## Clover Seed

<b>Alfalfa, or Lucerne</b> ( <i>Medicago sativa</i> ). One of the best varieties, succeeding especially in the South and West, and bearing heavy crops of forage. Sow early in the spring; 20 pounds to an acre.....	60	30	16 00	26 00
<b>Alsike, or Swedish</b> ( <i>Trifolium hybridum</i> ). Hardest of all Clovers, and on rich, moist soil yields an enormous quantity of hay or pasture. Lasts many years. Sow 6 pounds per acre when used alone.....	60	30	15 00	24 00
<b>Crimson or Scarlet Clover.</b> It can be seeded at any time from June to October, at the rate of 15 to 20 pounds per acre, and makes the earliest possible spring pasture, blooming the latter part of April or May, and for feeding as hay should be cut just before coming into full bloom. Sow Crimson Clover at the last working of all crops, like beans, corn, melons, cucumbers, tomatoes and other crops.....	60	22	12 00	18 00
<b>Red Clover Medium</b> ( <i>Trifolium pratense</i> ). Medium Clover. The leading variety of Clover for pastures or meadows. Very finest quality .....	60	30	15 00	23 00
<b>White Dutch Clover</b> ( <i>Trifolium repens</i> ). The best variety for lawns, as it forms a close herbage and remains green throughout the season .....	60	40	23 00	38 00

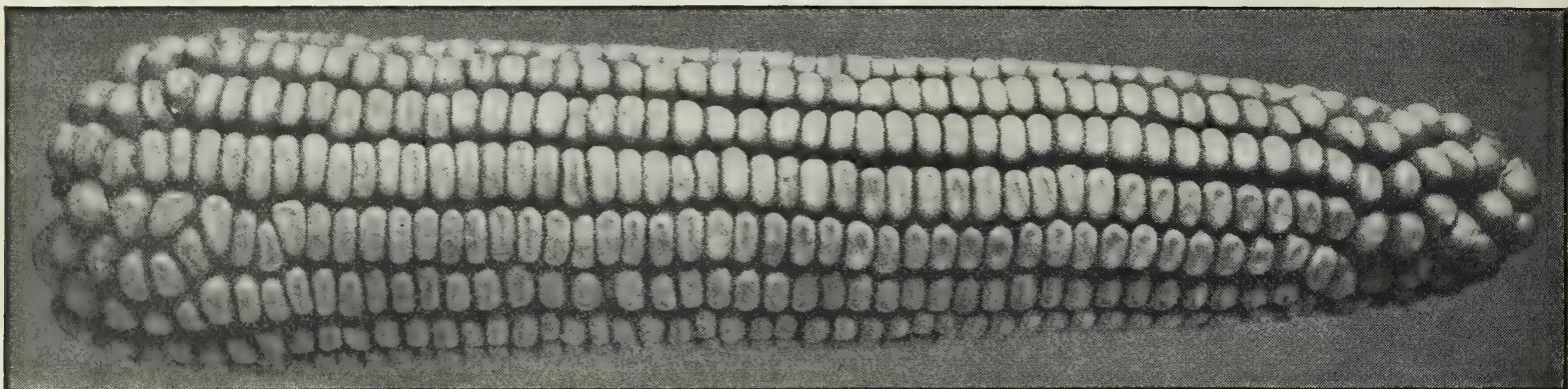
Prices on Grass and Clover seed subject to change without notice. Our Grass and Clover seeds are the very finest, purest, re-cleaned seeds. We do not carry the cheaper grades

## Millet Seed

<b>Hungarian Grass</b> ( <i>Panicum Germanicum</i> ). A species of annual Millet, yielding 2 to 3 tons of hay per acre. Sow 1 bushel per acre from May up until August. It is invaluable for overcoming a shortage of the regular hay crop. 48 pounds per bushel. Pk. 75 cts., bus. \$2.50, 10 bus. \$2.25 per bus.				
<b>German, or Golden</b> ( <i>Setaria Italica</i> ). A valuable annual hay and fodder crop, more productive and coarser than Hungarian Grass, medium early, 4 or 5 feet high. Sow 1 bushel per acre. 50 pounds per bushel. Pk. 75 cts., bus. \$2.50, 10 bus. \$2.40 per bus.				
<b>Japanese, or Barnyard</b> ( <i>Panicum Crus Galli</i> ). Entirely distinct from any other Millet: grows tall and produces an enormous crop. It may be sown from the middle of May to the first of July, broadcast, at the rate of 15 pounds to the acre, but it is better to sow it in drill, 12 to 18 inches apart, using 10 to 12 pounds per acre, and hoe between the rows to keep down all weeds until the plants attain a height of 12 to 18 inches. This variety has yielded 21 tons of green fodder per acre, and a yield of over 6 tons of cured hay per acre. As a soiling crop we cut it three or four times during the season, when 2 or 3 feet in height. In connection with Sojas, in alternate layers, it makes an ensilage that comes nearer to being a perfectly balanced ration than any other crop. Per lb. 10 cts., 10 lbs. 80 cts., 100 lbs. \$7.				

### READ WHAT JAMES J. HILL HAS TO SAY ABOUT THE SELECTION OF SEED

"Select all seed with the utmost care. The difference between using the best quality of grain for seed and planting an inferior sort may be, and usually is, the difference between getting a first-class yield and one barely worth harvesting. In farming, the law of heredity is inflexible. Cattle for breeding and grain for planting should be chosen as intelligently as an investment into which a man's whole fortune is put."



New Golden Eureka Dent Corn

## FARM SEEDS

We deliver all Farm Seeds to transportation company free of charge, and make no charge for bags, except seamless, which are charged at cost of 20 cents for each two-bushel.

### Field Corn

Sow one peck to acre in early May

#### New Golden Eureka Dent Corn

Ten days earlier than Eureka. Excellent Ensilage Corn. Grows tallest and is very leafy.

This magnificent Corn is a decided improvement on the very popular variety Eureka. It is fully ten days earlier. Ears measure 12 inches in length and contain from 18 to 22 rows of beautiful, deep yellow grains. Deep grains and very small cob. Seventy pounds of ears will yield 60 $\frac{1}{2}$  pounds of corn. Will yield 100 bushels to the acre, having done better than this by the originator this past fall. A very fine variety for ensilage and will produce 25 tons good Corn silage per acre. Selected grains, qt. 25 cts., postpaid, 40 cts.; pk. \$1, bus. \$2.50, 10-bus. lots, \$2.25 per bus.

#### Longfellow Flint Corn

This beautiful eight-rowed flint often yields two good ears to the stalk. The ears are very long, sometimes reaching the length of 15 inches. Cobs are small, with kernels of good size. It is safe for planting as far north as Massachusetts. Our stock of seed is of the best possible selection and has given a yield, this past season, of over 100 bushels to the acre. Selected stock, qt. 25 cts., postpaid 40 cts.; pk. \$1, bus. \$2.50, 10-bus. lots, \$2.25 per bus.

**Wood's Northern White Dent.** The earliest large White Dent Corn; ripens thoroughly around New York and vicinity. Very prolific, often yielding 100 bushels shelled corn to the acre. Ears 12 inches long and 7 to 8 inches in circumference. The kernels are long and the cob is small; ears start 2 to 3 feet from the ground; plant leafy and luxuriant, making fine fodder. Our grower, on Long Island, who raises our crop of this, the best of all the White Dent Corns, states that it is the best and most profitable Corn he has ever grown. Qt. 20 cts., pk. 80 cts., bus. \$2.75, 10-bus. lots, \$2.65 per bus.

**S & W. Co.'s White Flint.** We have had many inquiries, in the past, for a White Flint, but have never before been able to offer it, as it has always been a difficult matter to get hold of good seed. We now have some choice select seed of this one of the best of all Flint varieties. The ears are very long, 12 to 15 inches, of handsome appearance, with large kernels of a transparent white color. The stalks are very leafy and the Corn is also very productive, with usually two or three ears on a stalk. Qt. 15 cts., pk. 75 cts., bus. \$2.50.

**Improved Leaming.** This popular and distinct variety of Yellow Dent Corn certainly has, beyond question, reached the grandest success of any Yellow Dent Corn that has ever been brought before the farming public. This Corn husks and shells very easily, and weighs 60 to 62 pounds per measured bushel, and matures in 90 to 120 days. Qt. 15 cts., pk. 90 cts., bus. \$2.50.

**Improved Early Horsetooth.** Same as Southern Horse-tooth, but better selected and earlier. Qt. 20 cts., bus. \$1.60, 10 bus. \$1.50 per bus.

**Evergreen Fodder Corn.** For soiling or ensilage. Profitable as green fodder; cut when green to feed cattle. Sow broadcast two bushels. In drills 3 feet apart, one bushel per acre. Pk. \$1, bus. \$3.25.

### SPRING WHEAT

**Saskatchewan Fife.** This is the most desirable variety of spring Wheat. Pk. 75 cts., bus. \$2.25.

#### Macaroni, or Durum Wheat

No other crop ever jumped into prominence so quickly in the entire history of the country. The reason for this unparalleled increase—150-fold in three years—is that experiments made by the Department of Agriculture proved conclusively that Macaroni, or Durum Wheat, is in every way a superior wheat for bread-making. Prof. Carleton says: "The continual success of recent milling and baking operations has clearly demonstrated that Durum Wheat has not heretofore been given its proper rank. It should properly be considered as a Wheat of the highest class, ranking with hard spring and hard winter." The seed should be sown and the crop cared for the same as any other Spring Wheat. It is very hardy and productive, yielding great crops in all sections. Specially fine for dry regions. Qt. 20 cts., pk. 75 cts., bus. (60 lbs.) \$2.25.

### SPRING RYE

Used as a catch crop to sow where winter grain has failed. Pk. 75 cts., bus. \$2.5 bus. or over, \$1.75 per bus.

#### Peas for Fodder

For the northern states there is no crop of greater value than Field Peas, whether for fodder in mixture with oats, sown at the rate of two bushels each per acre, or the peas sown alone at the rate of three bushels per acre for plowing under. There is no crop that we can so strongly recommend.

**Peas, Canada White.** Pk. 60 cts., bus. \$2.25.

**Peas, Canada Blue.** Pk. 75 cts., bus. \$2.75.

**Cowpeas, Black Eye.** Pk. \$1, bus. \$3.50.

**Cowpeas, New Era.** Pk. \$1, bus. \$3.50.

**Cowpeas, Whip-poor-will.** Pk. \$1, bus. \$3.50.

### Sand, or Winter Vetch

Sometimes called Hairy Vetch. The most valuable of all Vetches. It succeeds on nearly all soils and is specially recommended for poor land, where it thrives and improves the soil wonderfully, as it is very rich in nitrogen. It belongs to the pea family, but the vines are more leafy and longer. It may be sown in the spring or in the fall, preferably with rye. It remains green all winter and is valuable for early pasturing as well as a fertilizer. Sow 1 bushel per acre with  $\frac{1}{2}$  bushel of rye or wheat. Lb. 12 cts., bus. (60 lbs.) \$5.75, 100 lbs. \$9.

#### Spring Vetches, or Tares (*Vicia sativa*)

Highly valuable for soiling or for green manuring. Sometimes grown with oats for mowing and feeding to stock. Use 2 to 3 bushels to acre broadcast, or 1 to 2 bushels in drills. Lb. 10 cts., postpaid, 18 cts.; bu. of 60 lbs. \$3, 100 lbs. \$4.75.

#### Kaffir Corn, Red

Excellent forage for horses and cattle, and excellent food for poultry. Use 5 pounds per acre. Bus. (60 lbs.) \$3.75, 100 lbs. \$6.



Field of Storm King Oats

## SEED OATS

For grain,  $2\frac{1}{2}$  bushels to the acre; for forage, 3 bushels, or with Canada Peas, 1 to  $1\frac{1}{2}$  bushels

Sold at the standard weight of 32 pounds to the bushel. Several varieties of oats offered below weigh up to 50 pounds to the measured bushel, but all Oats are purchased and sold at the standard weight of 32 pounds to the bushel.

**Storm King.** An exceptionally fine grade of the Long's Tartar. Kernels are large and plump. The straw is long and stout, and does not easily lodge. Heads are from 8 to  $10\frac{1}{2}$  inches in length. Our grower in New Jersey reported a yield of over 100 bushels to the acre; suitable for all soils. Note sizes of the grains in illustration above. **1 bus. (32 lbs.) \$2; 6 bus. lots or over, \$1.90 per bus.; 25 bus. lots or over, \$1.75 per bus.**

**Early New Market.** This Oat was offered for the first time in New York this past season, and we are glad to learn that it has produced what we claimed for it and that it still ranks among the best early white Oats. Seed is **large, plump, white; hulls very thin; kernels as large as grains of wheat. Weight 50 pounds per measured bushel. Bus. (32 lbs.) \$2.25, 6 bus. or over at \$2 per bus., 25 bus. or over at \$1.90 per bus.**

Last year **Early New Market Oats** sold for \$2.25 and \$2 per bushel, and we were obliged to go well into our reservation kept for seeding purposes, to fill our orders. You can do just as well, if you sow **Early New Market Seed Oats**.

**N. B.—Ask for circular, mailed free, further describing this grand Oat. Samples mailed on request.**

**Imported Clydesdale Oats.** The most popular White Oat. We offer imported seed weighing 50 lbs. to the bushel. They yield 75 to 100 bushels of oats to the acre, and double the quantity of straw. Pk. 75 cts., bus. \$2.50, 10-bus. lots, \$2.25 per bus.

**Twentieth Century Oats.** A comparatively new variety introduced by a well-known Wisconsin seed house. It seems to be quite an early Oat, with a thick, plump grain something like the Silver Mine. It is pure

white in color, very attractive looking and has a good stiff straw. Pk. 50 cts., bus. \$1.50, 10 bus. \$14.

**Welcome Oats.** This is now a well-known and extensively grown variety, and is one of the heaviest, handsomest and most productive white varieties grown. It stools heavily, with extra-strong, straight straw, standing well. Succeeds well in a wide range of climate, and under a great variety of soils and methods of culture. Pk. 50 cts. bus. \$1.50, 10 bus. \$14, 100 bus., \$1.30 per bus.

### Sunflower, Mammoth Russian

Highly valued as an excellent and cheap food for fowls. It is the best egg-producing food known. It can be raised cheaper than corn. Four pounds of seed will plant an acre. Lb. 10 cts., 10 lbs. 75 cts., 100 lbs. \$6.

### Soja Bean (*Soja hispida*)

Valuable in the southern states as a forage crop and for fertilizing, also for pasturing, feeding as green fodder and for silo purposes. Plant one-half bushel to the acre. Pk. \$1, bus. \$3.50.

### Velvet Bean (*Dolichos multiflora*)

Largely grown in the South and used as a fertilizing plant for turning under. Both vines and pods are eaten by live stock, and the beans can be ground either with or without the pods and fed instead of corn or oats, or can be mixed with them. Pk. \$1.50, bus. \$5.

### Barley, Imported Hanna

A new variety of Barley recently introduced by the U. S. Dept. of Agriculture. It is a pedigree variety from Europe and is spoken of as "the great favorite Barley among German and Austrian brewers." It is noted for its earliness and very plump kernels. It is a two-rowed Barley. Our stock is the imported extra-large grain and grown especially for seed purposes. Qt. 20 cts., pk. \$1, bus. \$3.

### Barley, Hallet's Pedigree

A famous English Barley, grown for the English brewers. This Barley is noted for its very large, plump and fine golden colored grain. Qt. 20 cts., pk. \$1, bus. \$3.

### Early Amber Cane

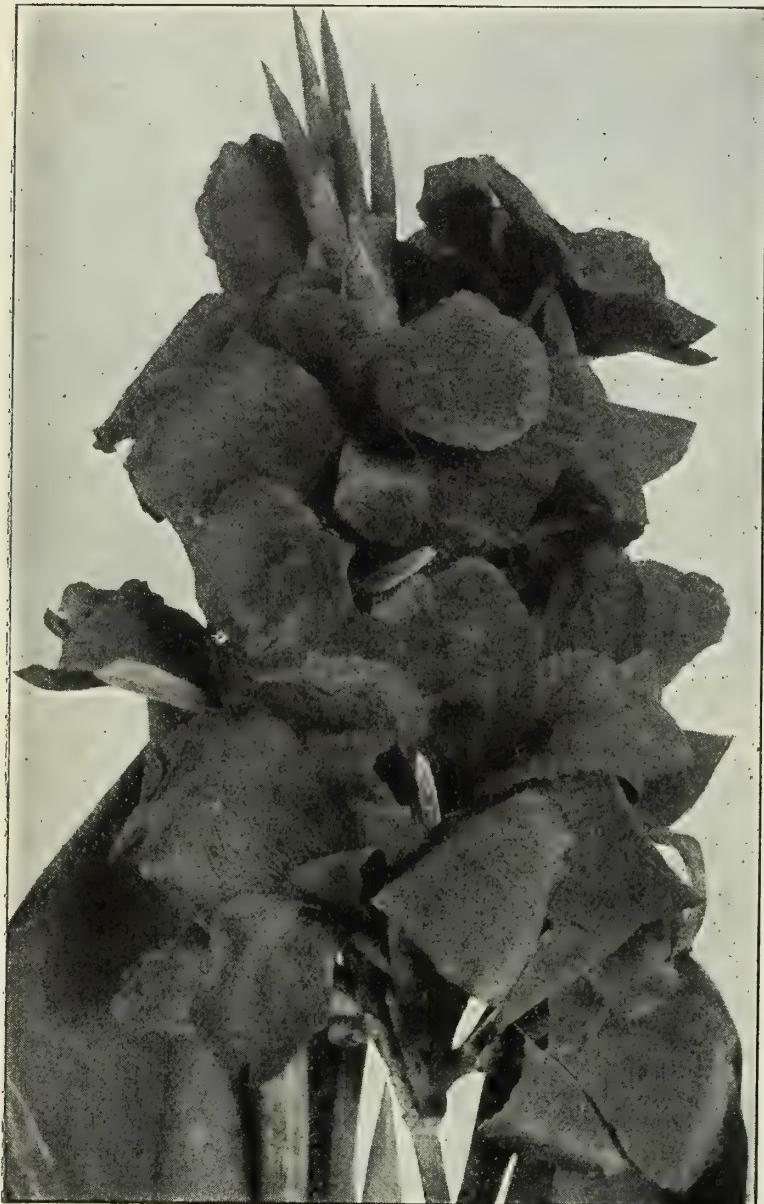
**Most valuable for dairy cows**

The leading dairy farmers of the Northwest generally regard sugar cane, or sorghum as the best of all fodder plants today for their purpose. Sow any time from May 15 to July 15, 12 to 15 lbs. per acre, in rows, and cultivate the same as corn. Or, if sown broadcast, use 50 lbs. per acre. The Early Amber is the best variety and the most used. Lb. 10 cts., 10 lbs. 40 cts., 100 lbs. \$2.25.

### Buckwheat

**Sow about the middle of June, broadcast, 3 pks. to the acre**

**New Japanese.** This is a superior variety and more prolific, and yields double the weight per acre of other sorts. The grains are nearly twice as large as those of Silver Hull, and of fine color. This variety is always in demand, millers preferring it to all other sorts, and it makes the finest flour. Pk. 60 cts., bus. \$1.90. **Imported Seed Japanese Buckwheat.** Lb. 25 cts., 10 lbs. \$2. **Silver Hull.** Pk. 75 cts., bus. \$2.



King Humbert Cannas

## CANNAS

The following Cannas listed are for dry roots. Shipment can be made any time after February 1; south of Washington, D. C., any time after January 1. Fine potted plants of all the following varieties may be had May 1.

### S. & W. Co.'s Giant Orchid-Flowering Cannas

The following six varieties of Cannas are considered the best six in this class. The flowers are unusually large, borne on strong stems, often growing to a height of from 6 to 8 feet.

**Allemania.** An improved Italia, with more numerous flowers, of immense size. Outer petals scarlet, with broad yellow border; inside scarlet and dark red. One of the best of the Giant, or Orchid-flowered section. Height, 5 to 6 feet.

**Austria.** Pure canary-yellow; large open flowers with reddish dots in center of the two inside petals. Height, 5 feet.

**King Humbert.** Of superlative beauty and by far the finest of all bronze-leaved Cannas. The enormous trusses are made up of flowers that measure 6 inches across and are a rich salmon-scarlet, distinctly and numerously flecked with deep crimson markings. It is a free bloomer, and with its rich, coppery bronze, massive foliage, it produces an effect that is both bold and striking. Height 5 feet.

**Burbank.** Color rich, canary-yellow, with a few carmine spots in throat. Height, 5 feet.

**Louisiana.** New American Orchid-flowered, strong, vigorous-growing variety, producing a dense mass of glossy green foliage, and vivid, scarlet flowers, often measuring 7 inches across. Imagine a plant with four to five main stems, each one crowned with 30 to 40 flowers open at one time. The effect is gorgeous and indescribable. Height, 7 feet.

**Pennsylvania.** The flowers are often 7 to 8 inches across, with petals  $2\frac{1}{4}$  ins. broad. Fine red color. Height, 6 ft.

**Price, 15 cts. each, \$1 per doz., \$7 per 100; set of 6 varieties, 60c. Strong pot plants, May 1, \$2 per doz., \$15 per 100**

### S. & W. Co.'s Best Ten Varieties

**Alsace.** A beautiful creamy white-flowering variety used very extensively for contrasting red- and pink-flowering sorts. Height 4 feet.

**Brandywine.** Brandywine is thoroughly handsome all season through. It has a luxurious growth of very dark foliage and is heavily topped with a magnificent display of brilliant red flowers. Height  $3\frac{1}{2}$  feet.

**Buttercup.** True bright buttercup-yellow; always shows up bright and clear, and is undoubtedly the best and most beautiful pure bright, deep, canary-yellow Canna in existence. (Award of Merit from R. H. S.) Height  $3\frac{1}{2}$  feet.

**David Harum.** Flowers large size with well-rounded petals of good substance; color bright vermilion-scarlet dotted with crimson spots; foliage bronze. Height 3 feet.

**Express.** Color scarlet-crimson. Its dwarf habit and large flower commend it very strongly to all those who would have an excellent bedding or edging variety; it is guaranteed to be well up to expectations. Height  $2\frac{1}{2}$  feet.

**Indiana.** Glistening golden orange, daintily marked, striped and red. Single blossoms often measuring 7 inches across. Height 5 feet.

**King Humbert.** Of superlative beauty and by far the finest of all bronze-leaved Cannas. The enormous trusses are made up of flowers that measure 6 inches across and are a rich salmon-scarlet distinctly and numerously flecked with deep crimson markings. It is a free bloomer and with its rich, coppery bronze, massive foliage, it produces an effect both bold and striking. Height 5 feet.

**Louisiana.** New American Orchid-flowered, strong, vigorous-growing variety, producing a dense mass of glossy green foliage, and vivid scarlet flowers, often measuring 7 inches across. Imagine a plant with four to five main stems, each one crowned with 30 to 40 flowers open at one time. The effect is gorgeous and indescribable. Height 7 feet.

**Pacific Beauty.** Very heavy, black foliage, striped and variegated. Flowers orange-crimson.

**Shenandoah.** An abundant bloomer with waxy rose-pink flowers and rich dark foliage, highly ornamental.

N. B.—REMEMBER OUR STOCK IS STRICTLY EXTRA-STRONG ROOTS

Price, 15 cts. each, \$1.50 per doz., \$10 per 100. Set, 1 each, 10 varieties, \$1.25; 10 each, 10 varieties, \$10

Strong plants, out of pots May 1, \$2.50 per dozen, \$15 per 100

## Grand New Improved Dark-leaved Black Beauty Cannas

The grand variety, Black Beauty, needs little introduction, and, while the foliage of this improved type is not quite so robust, the improvement in the flowers is wonderful, being nearly four times as large. This deep, rich, glistening bronze foliage combined with the dazzling scarlet flower, makes a grand variety, and where foliage or sub-tropical effect is desired, this is certainly the variety for everyone to grow. Height, 5 feet. 20 cts. each, \$1.50 per doz., \$10 per 100.

## GENERAL LIST LARGE-FLOWERING CANNAS

The following varieties have been chosen from a list of almost 75 varieties, and are in every way the best sorts.

### Yellow-Flowering Cannas

**Director Roelz.** 3 feet. The general effect of this variety is bright yellow with very faint dots of rose. It is a strong, healthy grower; among the best of the yellow Cannas on green foliage.

**Dr. Nansen.** 5 feet. Yellow flowers.

**Gladiator.** 4 to 5 feet. The big, round flowers of bright, yellow petals are thickly spotted with pure crimson, smaller center petals are solid crimson, rich and glowing; blooms profusely. Heads are unusually large and borne on long, strong stalks with tough, deep green foliage. Gladiator will recover from the effect of storms better than any other Canna there is, unless it be Buttercup.

**Golden Star.** 5 feet. Fine yellow, spotted red.

**Richard Wallace.** A magnificent, large yellow-flowering variety; green, well-shaped foliage, growing about 5 feet high.

Strong plants, out of pots, \$1.50 per doz., \$10 per 100. All varieties listed on this page after May 1.



### Bronze Foliage Varieties

**Musafolia.** This is the finest foliage Canna yet seen, with enormous Musa-like leaves 3x5 feet high, of a dark green, bronze-tinged color, the edge of the leaves being beautifully banded with bronze-purple. In size and beauty of foliage it is a revelation, and makes a clump, or single specimen plant, for the lawn which no other foliage plant can approach. Attains a height of 8 feet, beautiful and symmetrical at every stage of growth.

**Black Beauty.** 5 feet. It seems to us impossible to exaggerate the beauty and richness of this Canna. It undoubtedly has the darkest and most magnificent foliage of all the purple-leaved Cannas. The leaves are a black shining purple, very rich and glossy, and with edges crimped and wavy. Flowers are few and small, but for a foliage plant, and for producing an effect of tropical luxuriance, Black Beauty heads the list.

**Chautauqua.** 4 feet. Flowers pure, rich scarlet, intensely vivid; luxuriant, tropical foliage, prettily bronzed. Especially valuable for massing.

**Egandise.** 4 feet. A fine bronze-leaved variety; pretty cherry-red flowers, borne well above the foliage; handsome and distinct.

**Robusta.** 6 feet. Probably the largest-growing Canna in cultivation. If planted in rich, deep soil, they will attain 7 to 9 feet in height. Foliage very large and broad, color rich metallic bronze-green. Certainly the best Canna where a tropical effect is desired. Doz. 50 cts., 100 \$3.50.

When considering the five varieties listed above, don't forget King Humbert and David Harum, listed on page 74.

### Pink-Flowering Varieties

**Mlle. Berat.** 4 to 5 feet. Strong grower with dark pink flowers; one of the best.

**Rosemawr.** Extra-fine large-flowering, dark rose-colored variety; a fine bedder.

Price, 10 cts. each, 75 cts. per doz., \$5 per 100. Strong pot plants, May 1, \$1.50 per doz., \$10 per 100

### Red- and Yellow-Flowering Varieties

**Florence Vaughan.** 5 feet. Large trusses of canary-yellow flowers heavily dotted with deep orange-scarlet; broad, heavy, bright green foliage.

**Queen Charlotte.** 4 feet. One of the finest of the gilt-edge sorts. Large trusses and large flowers of blood-red petals, broadly banded with bright canary-yellow. Handsome, deep bluish green foliage. Exceedingly decorative.

**Mme. Crozy.** 4 feet. All things considered, still one of the best for bedding. A constant, free and reliable bloomer with large trusses set well above the foliage. Flowers large, bright orange-scarlet, lightly bordered with yellow. Bright green, massive foliage.

### Crimson and Scarlet-Flowering Varieties

**Black Warrior.** 4 feet. A very dark crimson, claimed, by the originator, to be the darkest known variety.

**Charles Henderson.** 4 feet. The standard of excellence in crimson Cannas.

**Crimson Bedder.** Similar to Charles Henderson.

**Ch. Drevet.** 3½ feet. A distinct Poinsettia-red; growth medium as to height; a very striking sort.

**Pres. McKinley.** 3 feet. One of the very best Cannas for bedding; luxuriant in foliage and dwarf in habit. The trusses are large and numerous and the flowers large, brilliant crimson, shaded with scarlet; showy and striking.

**Red Cross.** 5 feet. Large flowers, shaded dark red.

**Mrs. William T. Kastings.** 3½ ft. Color bright crimson. Medium-sized flower of good substance. A profuse bloomer.

**Wm. Bofinger.** 5 feet. The brightest and richest scarlet.

# GRAND NOVELTY DAHLIAS

The list of Dahlias catalogued by us has been revised, and only such varieties as are of sterling merit and of quite recent introduction have been included. In going over this list, you may miss an old favorite, but we can assure you that the variety has been replaced by an improved variety. Prices quoted are for field-grown roots of the best quality. On orders received after May 1, we supply growing plants that will give equally good satisfaction.

## New Cactus Dahlias S. & W. Co.'s Exhibition Collection

### EUROPEAN INTRODUCTION 1910

The following ten varieties of Cactus Dahlias are grown by a famous **English Dahlia Specialist** and are of the highest possible type for exhibition purposes. The flowers are large and are borne on robust stems, their constitution in general leaving nothing to be asked for in an exhibition collection. The varieties quoted have been tried by us and the following ten we pronounce of unusual, refined and distinct merit. The following descriptions are from the introducer, which we can heartily verify.

**Dawn.** (**Stredwick.**) A flower of exceptional color, which is both distinct and beautiful, being bright yellow at base gradually deepening to cerise, the tips again lightening to yellow. The blooms are of fair size and very deep, never showing pollen, and they are carried on splendid stems, the plants being of perfectly upright growth. This variety withstands rain better than any we know of, but is somewhat susceptible to hot sun. Height 5 feet.

**Arthur Pickard.** (**Stredwick.**) We have no hesitation in describing this as one of the very finest all-round Dahlias we have ever introduced. The habit is simply grand, every flower having a stem of great length and strong as a cane. The flowers are of finest form with long evenly-incurved florets, and hold good in the center till the last. The color is difficult to describe, being a very light delicate shade of pinkish salmon, with lighter tips and base. This might very well have been included with our stout-stemmed varieties, as it is equally strong in that respect, but it is also a first-class exhibition flower. Height, 5 feet.

**Goldcrest.** (**Stredwick.**) The brilliant yet beautiful combination of color in this variety are unequaled by any Dahlia we have seen; the center is pure yellow, forming a disc, the upper half of the floret being bright scarlet. Form slightly incurving, and the medium-sized flowers are carried quite erect. The plants require thinning, being over-free in flowering, but they are of good habit. Height, 4 feet. Awarded First-Class Certificate National Dahlia Society, and Award of Merit Royal Horticultural Society.

**Red Admiral.** One of the most brilliant Dahlias in existence, the color being a rich fiery scarlet. Blooms are of largest size, full in center, and of the best possible exhibition type. The plants are free and of upright growth, and produce quantities of large flowers with ease. Very few of our previous introductions have been so generally praised and admired as this, and we have great pleasure in introducing it especially as an exhibition variety. Height 5 feet. Awarded first-class certificate National Dahlia Society. Award of Merit Royal Horticultural Society.

**H. H. Thomas.** (**Stredwick.**) This variety has come to stay, as very few varieties combine so many good qualities. The flowers are of a beautiful formation. Color is deep Indian red; habit of plant ranks second to none, growth being free and very strong. The petals are long, very much twisted, very slender, completely covering center. The flower is large, and somewhat resembling a globe in shape. A bunch of six blossoms was selected as the finest bunch in the show at the Crystal Palace and was awarded the Silver Medal offered by the President. Height, 4 feet. Awarded First-class Certificate National Dahlia Society, and Award of Merit Royal Horticultural Society.

**Jumbo.** (**Stredwick.**) The need of dark flowers in the Cactus section makes this doubly welcome. It is a flower with the narrowest of florets, all of which incurve very similar to the variety H. H. Thomas. Color crimson-maroon. The plants are strong growers, and flower, if anything, too freely, especially later in the season, when a quantity of blooms of the finest Cactus type are produced. Height, about 4 feet. Awarded First-class Certificate National Dahlia Society, and Award of Merit Royal Horticultural Society.

**Jupiter.** (**Stredwick.**) By far the best fancy Cactus yet raised, being thoroughly good right through the season. The formation of the flowers is perfect, being very incurved, the florets narrow and numerous, and the center full and deep. It has three distinct colors, the ground being pink, with distinct yellow base, and the whole striped and splashed with bright crimson. It is often a failing with fancy flowers that the constitution is weakly, this, however, is not the case with Jupiter, our plants being strong, healthy and free-flowering. Height, 3½ feet.

**Indomitable.** (**Stredwick.**) A veritable champion for exhibition, having produced some of the finest bunches shown by us for the past two years. The florets are of the narrowest, exceedingly long, and perfectly incurved, the flowers being of the most graceful style yet seen in the Cactus section. The color is best described as a mauve-lilac, the tips of the florets being of lighter coloring, which greatly beautifies the whole. Height 3 feet. Awarded first-class certificate National Dahlia Society. Award of Merit Royal Horticultural Society.

**Iolanthe.** (**Stredwick.**) Undoubtedly a capital Dahlia for any purpose, the plants being of wiry, erect habit and flower with the utmost freedom. The blooms are large and of exceptional depth, a shallow flower being unknown, and the form is evenly though not particularly incurved. Color deep coral-red, every developed floret being distinctly tipped with gold, as are also the central unopened florets, this latter being a most beautiful and distinct feature, and was mainly instrumental in being unanimously voted the certificates. Height 3 feet. Awarded first-class certificate National Dahlia Society. Award of Merit Royal Horticultural Society.

**Johannesburg.** (**Stredwick.**) A monster, yet a sterling good Cactus, as from early August till frost ended their career, our plants of this continued to produce flowers of surprising size with perfect centers and on long, strong stems. The color is bright gold, which in the sunlight has a glittering golden sheen. We can thoroughly recommend this variety as it is certain to give satisfaction to all, being one of the easiest to cultivate and yet giving an excellent return. Height 3 feet.



Master Carl Dahlia (See page 78)

Pot plants own-grown, May delivery \$1.50 each, \$15 per doz. Collection one each 10 varieties \$12.50. Selected pot roots for delivery during January, February and March, \$3 each

## SPECIAL COLLECTION CACTUS DAHLIAS

EUROPEAN INTRODUCTION, 1909

**CARADOC.** (Keynes.) One of the best yellows. The flowers are large, and the stems long and stiff, holding the flowers quite away from the foliage. Height, 5 feet.

**C. E. WILKINS.** (Stredwick.) This variety won the President's Silver Medal at the National Dahlia Society's Shows, 1907 and 1908, and is a magnificent Dahlia. The coloring is perfect, being an exquisite shade of bright clear salmon-pink. The flowers have immense stems. F.C.C., N.D.S., A.M.R.H.S. Height, 5 ft.

**CELIA.** (Burrell.) Rich pink, blending to blush at tips, center rosy blush with greenish yellow base. Fine erect habit. Height, 3 feet.

**CLARA.** (Stredwick.) The fully developed florets are soft mauve, the extreme tips being white with faint edgings of mauve, a pretty and effective combination. Plants sturdy growers. Height, 3½ ft.

**DOROTHY.** (Stredwick.) A variety of a lovely silvery pink color. The flowers are of good size, deep and well formed, the habit of the plants being also a strong feature. F.C.C., N.D.S., A.M.R.H.S. Height, 5 feet.

**FAUNUS.** (Burrell.) Soft yellowish buff, shaded red and tipped salmon. Petals long, narrow and incurved. Flowers above average size, constant and good. F.C.C. Height, 3½ feet.

**GLORY OF WILTS.** (Keynes.) We have not the least hesitation in describing this as the very best yellow Dahlia yet raised, the form of the flower is in every way good, and the color bright. It is of the largest size. Height, 5 feet.

**GREAT WESTERN.** (Keynes.) A large noble flower of excellent quality. Color bright purple. It blooms abundantly the whole season through. Height, 4 feet.

**HAROLD PEERMAN.** (Stredwick.) A deep, pure yellow, and one of the most constant free-flowering and reliable Dahlias we have yet introduced. The plants, which are of sturdy growth, produce a great number of excellent flowers, which are of large size and unvarying good depth. The form is slightly but not strikingly incurved. F.C.C., N.D.S., A.M.R.H.S. Height, 5 feet.

**MONARCH ('08).** Bright bronzy red, with bright yellow center, a very telling color. Petals long, narrow, and exceeding numerous; constant and free. F.C.C., N.D.S., A.M.R.H.S. Height, 4 ft.

**MARATHON.** (Stredwick.) Quite one of the largest flowers of the Cactus section, which, combined with its color—yellow at the center, shading off to rosy carmine, and distinctly tipped with white—makes it one of the most striking varieties we have; florets pointed and slightly and evenly incurving. The plants are robust growers, with deep green foliage. Height, 5 feet.

**MRS. MACMILLAN.** (Stredwick.) In color, one of the loveliest; white in center, deepening to a beautiful pink at tips. Height, 4 ft.

**MRS. WALTER BAXTER.** (West.) This is a grand variety, especially for exhibition. It is large, of the finest quality, and blooms are produced freely. The color is somewhat similar to Nelson, but darker. Height, 4 feet.

**NELSON.** (West.) Deep rich crimson, shaded magenta. Flowers of large size and formed of numerous long, twisted and interlacing florets. Height, 4 feet.

**REV. ARTHUR BRIDGE.** (Stredwick.) Another grand addition, combining with its first-class exhibition flowers a type of growth and habit which is nearer the ideal than has yet been approached. The coloring is exceedingly beautiful, being a bright clear yellow, heavily tipped and suffused with bright rose-pink. One of the very best. F.C.C., N.D.S., A.M.R.H.S. Height, 3½ feet.

**REV. ARTHUR HALL.** (Stredwick.) Flowers of the largest size, and composed of very narrow florets. Color, ruby-crimson. The plants are erect in growth, and the flowers are well supported on wiry stems. Height, 5 feet.

**REV. T. W. JAMIESON.** (Stredwick.) This is one of the best Dahlias we have ever sent out, and whether for first-class exhibition or any other purpose, it will be in the front rank. The plants are splendid, healthy, upright growers, and produce the largest flowers on perfectly rigid stems. The blooms are moderately incurved in form and the florets fluted right to the center. The coloring is also of the best, the central younger and unopened petals being yellow, but this quickly changes to lilac-rose; the older florets having edgings of deeper color, and the extreme tips yellow. Awarded First-class Certificates National Dahlia Society, and London Dahlia Union. Height, 4½ feet.



Cactus Dahlia, Rev. Arthur Hall

**RUBY GRINSTED.** (Stredwick.) The center is a soft tinted yellow, which is gradually suffused until it becomes a rich shade of rosy fawn. Blooms large, bold and striking. Height, 4 feet.

**SATISFACTION.** (Stredwick.) A very beautiful flower of the most incurved type. The florets are long and equally narrow throughout, and when fully developed they incurve and intermingle, forming flowers of the most graceful character. First-class Certificates National Dahlia Society, London Dahlia Union, and Brighton Horticultural Society; and Award of Merit Royal Horticultural Society. Height, 4 feet.

**SNOWDON.** (Stredwick.) We have for some years endeavored to raise a really good pure white Cactus, and last year were able to offer Snowdon, this being a grand flower of the purest possible white. The blooms are large and possess a great quantity of petals, which are long and narrow. Height, 5 feet.

**SNOWSTORM.** (Stredwick.) A large, bold white flower of fine form, which is moderately incurved. The plants are dwarf and sturdy, and commence flowering very early in the season, and produce large flowers with the utmost prodigality. This variety is perfectly distinct from Snowdon, as from an exhibition standpoint it is probably the better flower of the two. Height, 3 feet.

**SUNSHINE.** (Stredwick.) One of the prettiest; a deep rosy carmine, with tiny white tips to florets. Flowers freely produced on dwarf wiry plants. Height, 3 feet.

**T. A. HAVEMEYER.** (Stredwick.) Color, clear yellow at base, deepening to bronze; plants very upright in growth. Height, 5 ft.

**WELLINGTON.** (Stredwick.) With so many lighter shades now to be seen in Cactus Dahlias, flowers of darker coloring are more than usually welcome, and in this we have a bright glowing crimson-scarlet, with a shade of purple toward the tips of florets. Award of Merit Royal Horticultural Society. Height, 4½ feet.

**WILLIAM MARSHALL.** (Stredwick.) A flower of gigantic dimensions, finest possible form and petals, and a champion exhibition Dahlia. The color is rich orange, with bright yellow in the center. Height, 5 feet.

Pot Plants, own grown, May delivery, 50 cents each, \$5 per dozen.

Special Offer

Pot Plants, collection of one each of Ten varieties .....	\$4 75
" " " " Fifteen varieties .....	6 75
" " " " Twenty-five varieties .....	10 00



Souvenir de Gustave Douzon Dahlia

### STANDARD CACTUS DAHLIAS

The following varieties have been selected from an assortment of over one hundred sorts, and each one of them is of distinct merit. They have been selected not only because they are free bloomers, but are also best where a succession of bloom is wanted and the amateur will find in these varieties an assortment well worthy of a trial.

**Amos Perry.** Very bright scarlet, with long, narrow, twisted petals of irregular formation.

**Aunt Chloe.** Dark maroon, shaded black, with narrow, pointed petals.

**Bridesmaid.** An exquisite variety. Pale primrose shading to pink.

**Comrade.** Fawn color at the base, gradually shading to pink at the base of the petals.

**Earl of Pembroke.** Bright plum, deeper and more velvety toward the center.

**Florence M. Stredwick.** (The collarette Cactus Dahlia.) Pure white, of most beautiful form.

**Floradora.** Color a dark velvety crimson, an early and profuse bloomer.

**Fritz Severn.** Very distinct semi-double variety. Color a deep crimson-pink; petals slender, incurved and twisted.

**Galliard.** The best scarlet-crimson Cactus. Flowers very large.

**Harbor Light.** An exquisite variety, orange-red overlaid with flame, very large, with slender incurved twisted petals.

**Hohenzollern.** A rich combination of gold and bronzy orange-red, very fine.

**J. B. Briant.** Golden yellow, tinting to soft creamy yellow at the tips of the petals.

**Kriemhilde.** A standard cut-flower variety, delicate pink shading to a deep rose-pink.

**Lord Brassy.** Very fine rosy pink.

**Mary Farnsworth.** Pure yellow, heavily tipped pure white, with long incurved petals.

**Mabel Tullock.** Color a beautiful soft rosy pink, with long, twisted, incurved petals.

**Master Carl.** Choicest of all Cactus Dahlias; bright orange-salmon.

**Mavis.** A magnificent flower; salmon, with pure yellow at the base of the petals.

### STANDARD CACTUS DAHLIAS, continued

**Mrs. James Mace.** The color is a light shade of pink, shading to white at the base of the petals.

**Mrs. H. J. Jones.** Bright vermillion, heavily tipped white, with long twisted pointed petals.

**Oliver Twist.** Bright crimson, flowers very large; the petals are twisted peculiarly and often incurved.

**Prince of Yellows.** A rich canary-yellow; very large, with broad petals fringed at the tips.

**Standard Bearer.** The brightest vivid scarlet, extremely profuse bloomer, bearing the blooms well above the foliage.

**Uncle Tom.** The best black Cactus. A jet black, passing to maroon, with a glistening satiny sheen.

**Winsome.** Acknowledged to be the best white Cactus Dahlia to date, with twisted incurved petals.

25 cts. each, \$2.50 per doz., \$18 per 100

**COLLECTION.** 10 varieties customer's selection...\$2 25  
25 varieties customer's selection... 5 00

## DECORATIVE DAHLIAS

### SIX SUPERB SORTS

The following six varieties have been chosen from an assortment of over fifty varieties.

**GENERAL POINTS OF EXCELLENCE.—Color,** pure and distinct; **size**, very large; **stems**, very long, flowers borne well above the foliage; **form**, perfect in form.

**August Nonin.** Clear scarlet, a large and superb flower, borne abundantly above the foliage, and a very pleasing sort. 50 cts. each, \$5 per doz.

**Delice.** This without doubt is the finest pink-colored Decorative Dahlia. In form excellent. In type the ideal. In coloring superbly delicate and appeals to the sight at once being a bright pink, suffused with a deeper shade. 50 cts. each, \$5 per doz.

**Jumbo.** An excellent flower for cutting, stout stems, flowers deep crimson, elegant form and very decorative. 35 cts. each, \$3 50 per doz.

**Jeanne Charmet.** A very excellent sort; very large flowers carried up and out on very long stems. Color a shade of pink, deeper at the edges of the petals and a very light shade at the center of the flower. A perfect mass of color. 50 cts. each, \$5 per doz.

**Mme. Victor Vassier.** This is the grandest sulphur-yellow Dahlia yet introduced. The flowers are very large, bold, free, fine of form, and a grand exhibition variety. Growing plants May 1, 50 cts. each, \$5 per doz.

**Souvenir de Gustave Douzon.** A variety grown very extensively this past season. An immense flower; color, a beautiful orange-red; a very profuse bloomer and an unbeatable exhibition sort. Where care is taken in the cultivation, this variety will easily produce blooms 9 inches across. 35 cts. each, \$3.50 per doz.

**COLLECTION ONE EACH 6 VARIETIES \$2.50**

### STANDARD DECORATIVE DAHLIAS

**Admiral Dewey.** Brilliant imperial purple; finest form.

**Blue Oban.** The nearest approach to blue found in Dahlias.

**Catherine Duer.** Very large, strong-growing; bright iridescent crimson-scarlet; extremely effective under artificial light.

**Eureka.** Beautifully formed with quilled petals; color clearest deep rose, edged slightly lighter.

**Frank L. Bassett.** Bright royal purple, shading to blue. An extremely early and profuse bloomer.

**Henry Patrick.** A superb pure white variety of large size; very fine for cutting.

**Lyndhurst.** One of the best bright scarlets; always full to the center; invaluable for cutting.

**Orange King.** Rich glowing orange; extremely early and profuse.

**Mrs. Winters.** A superb cut-flower variety. Very large, finely formed, pure snow-white.

**Mrs. Chas. Turner.** Color pure yellow; a strong grower and profuse bloomer of immense size.

**Miss Nellie Stuart.** An exquisite variety; color a light blush-pink, shading lighter toward the tips of the petals; very fine for cutting.

# STUMPP & WALTER CO.'S STERLING BULBS

## STANDARD DECORATIVE DAHLIAS, continued

**Miss Minnie McCullough.** A superb cut-flower variety; very soft yellow overlaid with bronze; handsome under artificial light.

**Maid of Kent.** Cherry-red, tipped white, sometimes a solid color, when it is a superb red.

**Sylvia.** A superb cut-flower variety; outer edge of petals a soft pink, shading lighter toward the center.

**Papa Charmet.** Brilliant coral-red, overlaid with a darker shade of velvety maroon; large bold flower of finest form.

**Prince of Orange.** Is a very novel variety of three colors, deep bronze, old gold and orange shades; very striking.

**Perle.** (Perle de La Tete d'Or.) A beautiful glistening white; fine for cutting.

**Clifford W. Bruton.** A very excellent bright yellow, profuse bloomer.

**William Agnew.** Rich dazzling carmine-red; a very good variety.

**Wilhelm Miller.** A very brilliant purple; very large and free.

25 cts. each, \$2.50 per doz., \$18 per 100

COLLECTION ONE EACH 20 VARIETIES \$4

## SHOW and FANCY DAHLIAS

**Arabella.** One of the loveliest of this section. Primrose, lightly suffused pink, tipped bright rose; free bloomer.

**A. Pefferhorn.** Rosy crimson; very fine.

**Camellia Alba.** A very fine white Show Dahlia.

**Grand Duke Alexis.** Large, massive flowers; ivory-white, with a faint tinge of rose at the extremities of the petals.

**David Johnson.** Very distinct and unique. Large; shrimp-pink; globular shape.

**Fern-leaved Beauty.** White, striped deep crimson; fern-leaved foliage.

**Lemon Beauty.** Very large, full, rounded form; a beautiful shade of lemon-yellow; very fine as a cut-flower.

**Miss Dodd.** Large well-built, with full high center; color pure yellow.

**Miss May Lomas.** A magnificent flower; delicate pure white, suffused soft pink.

**Marie Gehring.** Large canary-yellow, penciled red.

**Professor Mansfield.** Flowers very large; golden yellow, tipped white, sometimes a golden yellow, tipped red.

**Progress.** A magnificent flower; color a clear soft rosy lake, beautifully penciled and spotted crimson.

**Penelope.** An exquisite variety; white, flaked lavender.

**Red Hussar.** Intense scarlet-crimson; full rounded form.

**White Swan.** Snow-white, of beautiful form, with long stems.

25 cts. each, \$2.50 per doz., \$18 per 100

COLLECTION ONE EACH 15 VARIETIES \$3

## PEONY-FLOWERED DAHLIAS

This new type has very promising claim. The flowers are distinct and artistic, and have created a sensation in Europe and America wherever shown. The blooms are borne on robust stems and are of immense size, the plant generally being of erect habit. The following varieties will give you a profusion of bloom during the entire Dahlia season, the colors contained are unique and quite undescribable.

**Antagonist.** A very deep rich cardinal of excellent form and a very free bloomer.

**Duke Henry.** Brilliant carmine-red.

**Emily.** Deep plum, of large size.

**Geisha.** The most peculiar color in this class; orange-red with yellow center, paling off towards the ends of the petals, of which there are two or three rows.

**Queen Emma.** Rose with salmon shading.

**Queen Wilhelmina.** Pure white; a grand flower.

**Magnet.** A superb pink of fine form; very striking and a very profuse bloomer.

**Rob Roy.** A distinct and pleasing variety of fine form and of large size; color pink and yellow.

50 cts. each, \$5 per doz.

COLLECTION ONE EACH 8 VARIETIES \$3.50



White Swan Dahlia

## NEW CENTURY SINGLE DAHLIAS

**Crimson Century.** Deep glowing crimson, shaded darker, tipped rose with rose disc; very large.

**Gorgeous.** Very large brilliant dazzling scarlet, with an occasional white petal; very fine for cutting.

**Maroon Century.** Rich maroon, shaded plum, vigorous grower producing blooms well above the foliage.

**Pink Century.** A magnificent flower. A delicate shell-pink, slightly suffused clear soft pink; flowers very large.

**20th Century.** A very popular variety, of perfect form, exquisite finish; color intense rosy crimson, with white tips and disc around a yellow center.

**Yellow Century.** A clear canary-yellow, producing blooms well above the foliage; flowers very large.

25 cts. each, \$2.50 per doz.

COLLECTION ONE EACH 6 VARIETIES \$1.25

## POMPON DAHLIAS

**Allie Mourey.** Light pink, tipped deep pink.

**Catherine.** The finest pure yellow; good form.

**Fairy Queen.** Sulphur-yellow, edged deep peach.

**Guiding Star.** Pure white; a great favorite.

**Little Herman.** Deep red, tipped white.

**Snowclad.** Finest pure white Pompon to date.

20 cts. each, \$2 per doz.

COLLECTION ONE EACH 6 VARIETIES \$1

# Stumpp & Walter Co.'s Gladioli

New Orchid-Flowered Type

## GRAND GLADIOLUS "GLORY"

This Gladiolus is of American origin, and distinctly new as to type, class, form and color. A. E. Kunderd, Goshen, Ind., introducer.

**THE TYPE** is distinctly new. Broad, expanded, wide-open flowers, paired by twos, face all in the same direction and are carried on straight, stout stalks never less than  $3\frac{1}{2}$  feet in height. From four to eight flowers are open at one time.

**THE CLASS.** As a class, it will be the leader for many years to come. The originator has hundreds of distinct varieties now under observation, and with the coming years will introduce the best ones.

**THE FORM.** Each petal is exquisitely ruffled and fluted at the edges such as is only noticeable in orchids, it gives the flower a refined appearance and it appeals instantly to the fancier.

**THE COLOR.** We are speaking now of "Glory" as a variety. Delicate cream-pink, with a neat, attractive crimson stripe in the center of each lower petal. The shade of pink is unknown in Gladiolus.

Price, 25 cts. each, \$2.50 per doz., \$18 per 100

## TEN GIANT-FLOWERING GLADIOLI

The following ten varieties of Gladiolus have been selected by us after a very careful selection of all existing sorts, and where distinct, large flowers are wanted, we can strongly recommend same.

### America

By far the most vigorous and easily grown Gladiolus known. Strong and healthy, with luxuriant dark green foliage and a freedom of growth and flowering surpassing all others. Spikes 2 to 3 feet long, erect, with a great number of large, spreading blossoms, all facing one way and showing a color, the delicacy and beauty of which it is impossible to describe or reproduce. It is an exquisite soft lavender-pink, very light, almost a tinted white; the color is the same as seen in the most exquisite Cattleya Orchids. No color like it in any other Gladiolus; none half so beautiful. **10 cts. each, 75 cts. per doz., \$5 per 100.**



Grand Gladiolus "Glory"

		Each	'Doz.	100
<u>Attraction.</u>	Deep, dark, rich crimson with a very conspicuous, large pure white center and throat. A most beautiful and attractive sort.....		\$0 10	\$0 75
<u>Dawn.</u>	Strong, straight and vigorous plant over 4 feet high. Flowers large, of a delicate salmon, shading to white inside when bloomed, small claret stain on interior petals.....	30	3 00	20 00
<u>Golden Queen.</u>	A distinct variety of exceptional merit. Color clear canary-yellow, exquisitely blotched crimson in the throat. This is undoubtedly the best yellow on the market. Spikes 2 to 3 feet high, flowers large; general character of plant erect. Winner of special prize, at Exhibition of the American Gladioli Society, at Rochester, N. Y., August 16, 1910.....	20	2 00	10 00
<u>Harvard.</u>	Immense flowers of ruby-garnet color, spotted with purple. It is becoming very popular as a cut-flower, and is very effective for table decoration when used with green foliage, because of its long, graceful spike of large, open flowers .....	20	2 00	10 00
<u>Lydia.</u>	A fantastic mottling of pinkish white and deep, rich crimson, in some flowers the white predominating, and in others the crimson, no two spikes being exactly alike. A charming variety that can be used for contrasting with the scarlet and red sorts.....	25	2 50	15 00
<u>Mrs. Francis King.</u>	A very bright, pleasing shade of scarlet. Flowers large, borne on strong, erect stems....	10	75	5 00
<u>Princeps.</u> ( <b>The Amaryllis-flowered Gladiolus.</b> )	Considered the best of its color. Wonderful size flower, perfect shape, brilliant coloring, and artistic form of flower-spike are each so notably an improvement of all existing varieties. Color is brilliant scarlet-crimson, carrying mostly three broad white blotches on the lower petals. First-size bulbs, 1 to $1\frac{1}{2}$ inches.....	25	2 50	15 00
<u>President Taft.</u>	Delicate pink, shaded darker at the edges; red blotch, light line through each petal. Bulb, spike and flower of large size.....	10	1 00	7 50
<u>Variabilis.</u>	Enormous size and vigor, standing nearly 7 feet high, with the largest spikes ever seen on any Gladioli. Flowers range in color from dull, deep pink, flaked with blue-black to a solid blue-black color of smoky hue, flaked with pink .....	15	1 00	7 00

### Special Offer: Collection

1 bulb each, 10 varieties (10 bulbs) .....	\$1 50
5 bulbs each, 10 varieties (50 bulbs).....	6 00
10 bulbs each, 10 varieties (100 bulbs) .....	10 00

DELIVERED ANYWHERE IN UNITED STATES

# Standard Named Gladioli

Gladioli have enjoyed increasing popularity each succeeding year due to the fact that they are among the most charming subjects for the summer garden. Their long spikes of flowers are a perfect charm to the garden, and as a cut-flower their value can not be overestimated. The amateur will find them of easy cultivation, doing well in almost any situation, and a succession of blooms may be had from July until late fall by planting the bulbs at intervals of every two weeks, from April 15 to June 15. Cultivate the ground around bulbs occasionally to avoid becoming hard or cakey. Plant 3 to 5 inches deep and 1 to 2 feet apart.

**Augusta.** Best white for the amateur to grow. Pure white, throat slightly tinted lavender. Selected bulbs 10 cts. each, 60 cts. per doz., \$4 per 100.

**Brenchleyensis.** Clear vermillion-scarlet, one of the most showy and satisfactory of its color. 5 cts. each, 50 cts. per doz., \$3 per 100.

**Contrast.** Flowers of great substance and a beautiful compact spike of perfect form. Color intense scarlet with large, distinct, pure white center, which is neither tinted nor mottled. One of the most striking and beautiful Gladioli ever introduced. 30 cts. each, \$3 per doz., \$20 per 100.

**Corsaire.** Compact spike, large flowers of a very intense dark and velvety scarlet. 10 cts. each, \$1 per doz., \$8 per 100.

**Eugene Scribe.** Very large and wide; tender rose blazed carmine-red. 10 cts. each, 75 cts. per doz., \$6 per 100.

**Lemon Drop.** Light lemon color with a bright yellow throat. 10 cts. each, 75 cts. per doz., \$6 per 100.

**Magnificus.** Tall variety with handsome spikes of large flowers; round and open; cinnabar-red; fine white blotch, edged with violet. 5 cts. each, 50 cts. per doz., \$3.50 per 100.

**May.** Pure white; delicately flaked rosy crimson and a very excellent sort for early flowering. 5 cts. each, 50 cts. per doz., \$3.50 per 100.

**Octoroon.** A beautiful shade of salmon-pink; flower large and borne on strong, erect spikes. 10 cts. each, 75 cts. per doz., \$6 per 100.

**Shakespeare.** White, very slightly suffused with carmine-rose, large rosy blotch. 15 cts. each, \$1.25 per doz., \$9 per 100.

Two bulbs each of foregoing 10 varieties (20 bulbs) for \$1

## Giant-Flowered

In this class of Gladioli we have listed a variety of colors from the Childsii types; all of which are noted for their vigorous growth; large flowers and profuse bloomer.

**Blanche.** Large pure white flowers with but faint markings. Medium height. 20 cts. each, \$2 per doz., \$15 per 100.

**Compacta.** Large flower, very compact; wide spike, rosy blush, slightly striped and mottled pink. Quite distinct, and very handsome. 15 cts. each, \$1.25 per doz., \$9 per 100.

**F. L. Oakley.** Bright salmon tinged scarlet, with a pure white center. Very fine and showy variety. 10 cts. each, \$1 per doz., \$7 per 100.

**Dr. Sellew.** Deep rich rosy crimson, slightly penciled darker. Center of petals and throat rayed white. 10 cts. each, \$1 per doz., \$8 per 100.

**Gracilis.** Graceful spike, with large flowers of a dull red, margined with slate-blue. 10 cts. each, 75 cts. per doz., \$5 per 100.

**Irene.** Fine large flower and stalk; color a fine shade of pink freely flaked with bright crimson. 10 cts. each, 75 cts. per doz., \$6 per 100.

**Mrs. Beecher.** Beautiful deep rosy crimson. Large well-opened flowers, with pure white throat freely marked and spotted. 15 cts. each, \$1.50 per doz., \$10 per 100.

**Nezinscott.** Bright blood-scarlet, with deep velvety crimson-black blotches and white mottlings. 15 cts. each, \$1.25 per doz., \$9 per 100.

**Portland.** Rosy red pencilled darker, mottled throat; a very striking variety. 10 cts. each, \$1 per doz., \$8 per 100.

**Wm. Falconer.** Spikes of great length and flowers of enormous size, beautiful clear light pink and blush mottled. 10 cts. each, 85 cts. per doz., \$7 per 100.

Two bulbs each of foregoing 10 varieties (20 bulbs) for \$1

## Gladioli Mixtures

**Brookside Trial Grounds.** This mixture is composed of very choice varieties and represents a good many of the varieties listed in our catalogue. Bulbs of fine selected size and where an assortment of various types and colors are desired we strongly recommend same. 35 cts. per doz., \$2.50 per 100, \$20 per 1,000.

**AMERICAN HYBRIDS.** All colors mixed. 35 cts. per doz., \$2 per 100, \$15 per 1,000.

**CHILDSII.** Mixture of large-flowering sorts. 50 cts. per doz., \$3.50 per 100, \$30 per 1,000.

**LEMOINE'S EXTRA-FINE MIXED.** This mixture is composed of almost all known shades of a distinct and pleasing type. 50 cts. per doz., \$3 per 100, \$25 per 1,000.

### Various Shades

**YELLOW and ORANGE SHADES.** 75c. per doz., \$6 per 100.

**SCARLET and RED.** 50 cts. per doz., \$3.50 per 100.

**WHITE and LIGHT.** 60 cts. per doz., \$4 per 100.



America Gladioli

# HARDY LILIES

We especially recommend deep planting, say, from 6 to 10 inches; varieties like Speciosums require at least 10 inches, with an ample amount of sand beneath the bulb to insure proper drainage. Cover the beds with leaves or litter during winter. Lilies thrive well in borders, formal gardens or shrubbery, and usually flower at a time when the shrubbery has ceased blooming, adding increased interest. The following varieties have proven to be sorts that may be planted in the spring-time with excellent results. Our Autumn Catalogue contains a more complete list of Lilies, and we should be pleased to correspond with any one wishing any other varieties than those we have listed herewith.

## Four Grand Lilies

**Auratum.** (*Golden-rayed Lily of Japan.*) The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Fully expanded, the flowers measure nearly a foot across, are produced abundantly from June to October, and possess a most delicious fragrance. 3 to 5 feet.

Each Doz. 100

8- to 9-inch bulbs.....	\$0 10	\$1 00	\$8 00
9- to 11-inch bulbs.....	20	2 25	15 00
11- to 13-inch bulbs.....	40	3 50	25 00
13- to 15-inch bulbs.....	50	5 00	40 00

**Speciosum.** Undoubtedly the most popular of all the hardy varieties. The sturdy habit and free-blooming qualities have increased the demand yearly. They are frequently planted among rhododendrons, as well as in borders and beds; blooming continuously from August to November.

<b>Album.</b> Pure white.	Each	Doz.	100
8- to 9-inch bulbs.....	\$0 15	\$1 50	\$12 00
9- to 11-inch bulbs.....	25	2 50	20 00
11- to 13-inch bulbs.....	50	5 00	35 00

<b>Melpomene.</b> Crimson.	Each	Doz.	100
8- to 9-inch bulbs.....	10	1 00	8 00
9- to 11-inch bulbs.....	20	2 00	14 00
11- to 13-inch bulbs.....	30	3 25	25 00

<b>Rubrum.</b> White, spotted rose.	Each	Doz.	100
8- to 9-inch bulbs.....	15	1 50	10 00
9- to 11-inch bulbs.....	20	2 25	15 00
11- to 13-inch bulbs.....	30	3 25	25 00

## OTHER HARDY LILIES

**Batemannii.** A truly charming Japanese variety, growing 3 feet high, with 6 to 8 apricot-colored flowers on a stem. Blooms in July and August. \$0 25

Each Doz. 100  
\$2 50 \$18 00

**Canadense** (Canadian Bellflower Lily). One of the most beautiful native Lilies; flowers bright yellow, black spots.....

15 1 25 9 00

**Elegans.** Color ranges from yellow to orange-crimson, usually with black spots. Blooming season is July and August, producing fine effect when massed in shrubbery and for naturalizing in woods. They attain the height of about 2 feet and produce from 6 to 10 flowers to a single stem.

15 1 50 12 00

**Elegans bicolor.** Bright red, flushed, very showy and large.....

20 2 00 15 00

**Elegans, Painted Chief.** Bright flame color..

25 2 50 16 00

**Elegans Aurora.** Deep, rich orange, suffused scarlet..

20 2 00 15 00

**Elegans, Leonard Jeorg.** Rich apricot, spotted; very fine .....

1 00 10 00 75 00

**Henryii.** (*The Yellow Speciosum.*) A new and very beautiful hardy Lily from northern China. The plants are of vigorous growth, frequently attaining the height of 6 feet. This Lily is noted for its graceful habit and is an unusually excellent bloomer. Color rich golden yellow, lightly spotted with brown, and in shape quite resembles the Speciosum types.....

10 1 00 7 00

**Longiflorum.** Large, trumpet-shaped blooms of pure white.

15 1 50 12 00

7- to 9-inch bulbs.....

9- to 10-inch bulbs.....

**Hansonii.** Under favorable conditions at-Each Doz. 100

tains a height of 3 to 4 feet. Flowers reddish orange, eight to twelve in a cluster; petals thick and durable; a native of Japan and has always been high in price, but we have a stock of strong, home-grown bulbs that will give splendid satisfaction..... \$0 50 \$5 00 \$40 00

**Superbum.** In a collection of best plants of all countries, our native Superbum Lily would deserve a first place. In deep, rich soil it often grows 8 feet high, with twenty to thirty flowers. It is of the easiest culture, and may be grown as a wild flower in any swampy or rough part of a place where the grass is not mown. Extra selected bulbs..... 15 1 50 10 00

**Tenuifolium.** The lovely Coral Lily of Siberia. A great beauty. The brightest of all Lilies. Grows 20 inches high, with finely cut foliage, slender stems and beautiful shaded flowers of a coral-red. One ought to grow them by the dozen, they are so fine for cutting, and making clumps for the lawn. Blooms very early.....

15 1 50 10 00

**Tigrinum flore pleno.** The Double Tiger Lily. The only double Tiger Lily worth growing .....

15 1 25 8 00

**Tigrinum splendens.** Improved Single Tiger Lily. 8- to 10-inch bulbs .....

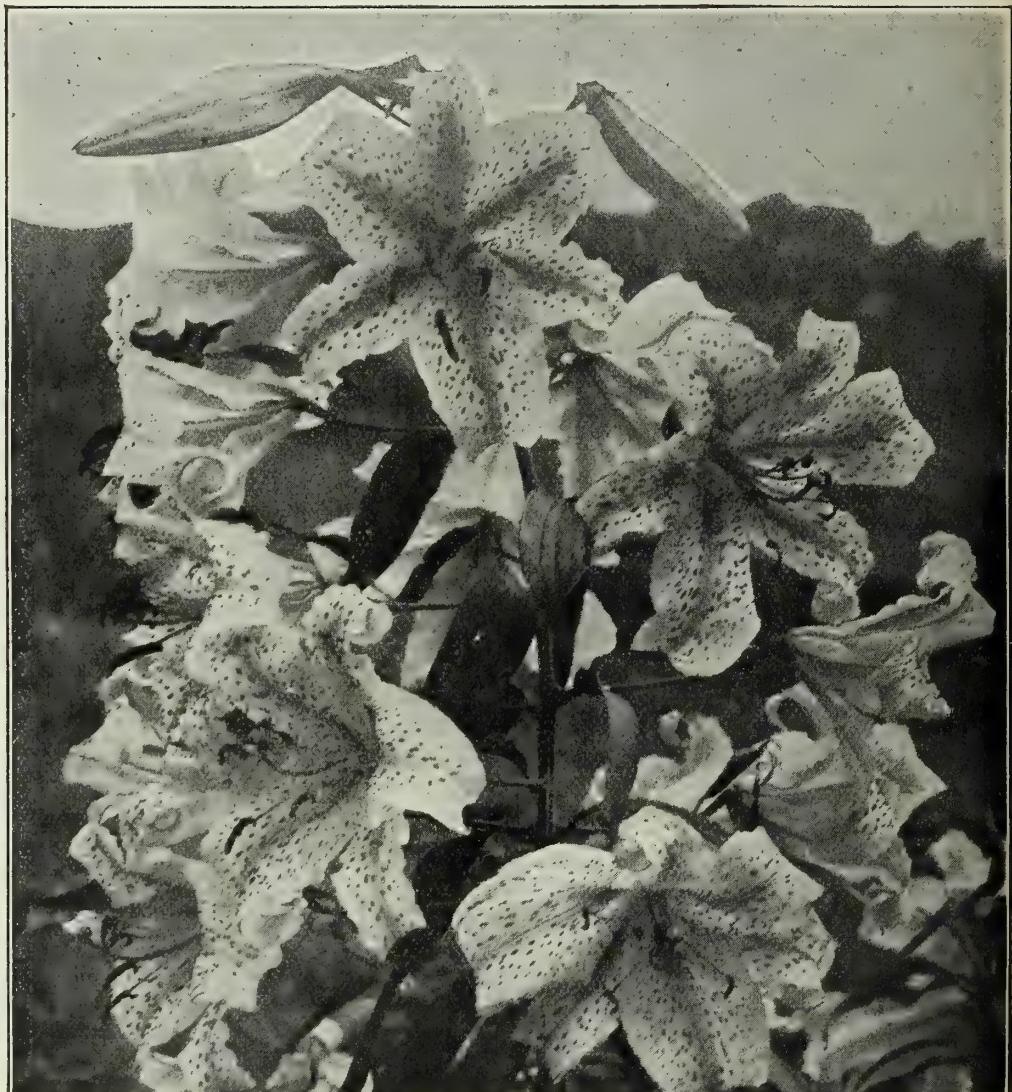
15 1 50 12 00

**Umbellatum.** Somewhat similar in habit to Elegans varieties; flowering in large clusters and range in all shades from orange to deep scarlet. Mixed colors.....

15 1 25 8 00

**Wallacei.** Orange-scarlet, spotted with maroon. 3 ft. September-blooming .....

10 1 00 7 00



Lilium auratum (Golden-rayed Lily of Japan)

# LILY BULBS AND VALLEY PIPS

## FROM COLD STORAGE

The following Lilies are repacked (on arrival) and put in cold storage for the convenience of our patrons who desire to have Lilies in bloom throughout the year. *Lilium longiflorum giganteum* are extensively forced by the florist trade all the year, and can be forced in bloom in four months. *Lilium speciosum* four to six months. The main point in the culture of Lilies from cold storage is to keep bulbs in a cool place or cellar, after potting, so as to produce the greatest root action before bringing to the light.

**LILIMUM LONGIFLORUM GIGANTEUM.** The Doz. 100  
best all-round Longiflorum to force from cold storage.  
9- to 11-inch bulbs repacked 100 to case ..... \$3 50 \$25 00

**LILIMUM AURATUM** (Golden-rayed Lily of Japan).  
The flowers are pure white, thickly studded with crimson spots.

9- to 11-inch repacked, 125 to case.....	3 00	20 00
11- to 13-inch repacked, 75 to case.....	4 00	30 00

**LILIMUM SPECIOSUM ALBUM.** Beautiful pure white.

9- to 11-inch bulbs repacked 100 to case.....	3 50	25 00
11- to 13-inch bulbs repacked 75 to case.....	5 00	35 00

**LILIMUM SPECIOSUM MELPOMENE.** Rich crimson, and very excellent variety for forcing either for Thanksgiving or Christmas.

9- to 11-inch bulbs repacked 100 to case.....	3 00	20 00
11- to 13-inch bulbs repacked 75 to case.....	4 00	30 00

**LILIMUM SPECIOSUM RUBRUM.** White ground, suffused and spotted deep pink; a popular and easily forced variety.

9- to 11-inch bulbs repacked 100 to case.....	3 00	20 00
11- to 13-inch bulbs repacked 75 to case .....	4 00	30 00

## Russian Lily-of-the-Valley Pips

### FROM COLD STORAGE

### THE FINEST VALLEY PIPS OFFERED

We are willing to verify this statement by sending you a sample case free of charge for trial, if you will drop us a line.

All lovers of Lily-of-the-Valley should not fail to give our "Russian" Valley a trial. Introduced a few years ago, it has now become famous, being forced very extensively by a large number of celebrated Lily-of-the-Valley growers. The Russian Valley produces strong spikes of flowers, about 15 inches in height, bearing from 12 to 20 extra-large pure white bells, which are delightfully

fragrant. We make a specialty of Lily-of-the-Valley, and are prepared at all times to supply from our cold storage warehouse in original cases of

100 S. & W. Co.'s  
Famous Russian Valley  
for \$3

250 S. & W. Co.'s  
Famous Russian Valley  
for \$6

500 S. & W. Co.'s  
Famous Russian Valley  
for \$11

1,000 S. & W. Co.'s  
Famous Russian Valley  
for \$21

2,500 S. & W. Co.'s  
Famous Russian Valley  
for \$48

## LILY-OF-THE-VALLEY CLUMPS FOR OUTDOOR PLANTING

These clumps, planted in the early spring, will flower the same season. Are perfectly hardy and will last forever when once planted. Each clump will produce 25 to 35 sprays of flowers. 35 cts. each, \$3.50 per doz.

## PEONIES (Chinensis)

Peonies rank among the most beautiful of all hardy perennials, and no garden is complete without their charming influence. When once planted they remain indefinitely, adding increased blooms each year, many of which are quite fragrant, oftentimes rivaling the rose. Strict attention is given at our nursery in the matter of variety, and all our stock is "trued up." We do not ship roots of Peonies unless they have already bloomed at our nursery.

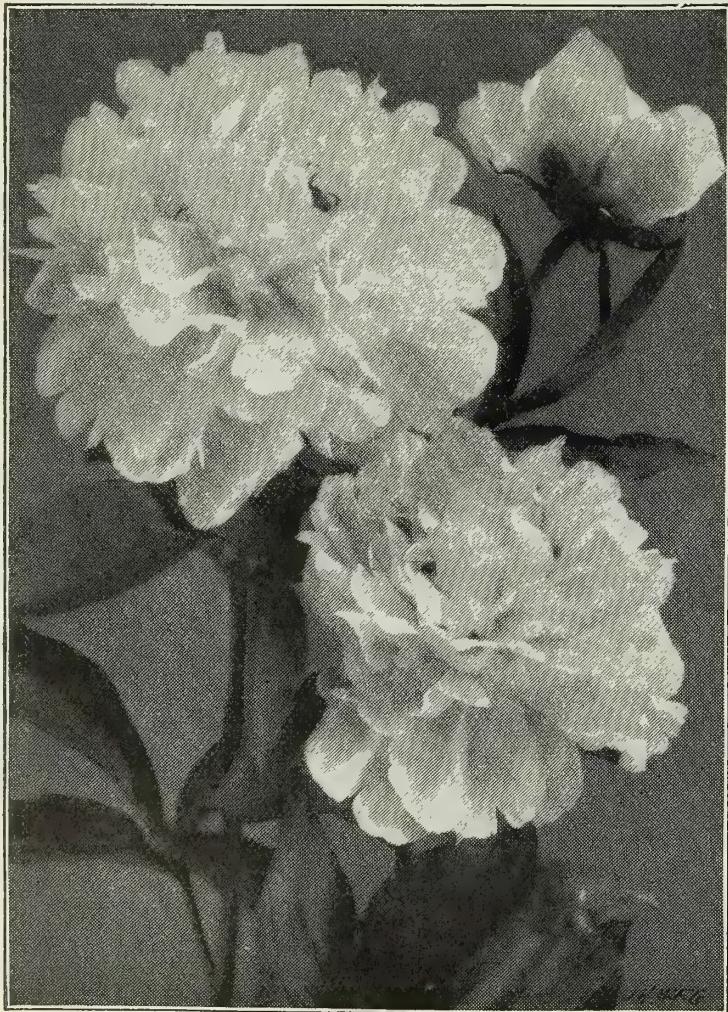
**TIME FOR PLANTING.**—The best time for planting of Peonies is from September 1 until about October 10.

**Note.** Our 2-year-old roots are selected with two to three eyes; 3-year-old roots have four to five eyes, and 5-year-old clumps are original undivided plants. Both 3- and 5-year-old will give a goodly share of blooms the first year after planting.

	Strong 2-year-old roots Each	Strong 2-year-old roots Doz.	Strong 3-year-old roots Each	Strong 3-year-old roots Doz.	Strong 5-year-old clumps Each	Strong 5-year-old clumps Doz.
<b>Agnes Mary Kelway.</b> Outer petals rosy pink, center yellowish; one of the earliest to flower.....	\$0 25	\$2 50	\$0 50	\$5 00	\$0 75	\$7 50
<b>Agida.</b> Dark red; fine full flower.....	25	2 50	50	5 00	75	7 50
<b>Alba plena.</b> Pure white; fine, strong plant; good for cut-flowers .....	25	2 50	50	5 00	75	7 50
<b>Boule de Neige.</b> Sulphur-white, with carmine tips on some of the petals .....	50	5 00	75	7 50	1 50	15 00
<b>Caroline Allain.</b> Blush-white .....	50	5 00	75	7 50	1 50	15 00
<b>Canary.</b> White, tinted primrose; very handsome, large, full flower .....	50	5 00	75	7 50	1 50	15 00
<b>Charles Leveque.</b> Delicate rose, large erect flower, very pretty when partly open; one of the finest rose-colored varieties .....	50	5 00	75	7 50	1 50	15 00
<b>Cytheria.</b> Creamy white, tinted rose; an exceptionally fine cut-flower variety, very strong stem and a good grower .....	50	5 00	75	7 50	1 50	15 00
<b>Duchesse de Nemours.</b> Pure white, perfect flowers; extra fine .....	30	3 00	50	5 00	1 25	12 00
<b>Duke of Wellington.</b> White, yellowish center; perfect flower; very fragrant .....	50	5 00	75	7 50	1 50	15 00
<b>Festiva maxima.</b> Early; very large and full shell-shaped flower, often 6 to 8 inches in diameter, stems 3 to 3½ feet; color snow-white, shading to delicate creamy white at base of petals, with an occasional clear purple spot on edges of center petals; very fragrant. The finest early white.	50	5 00	75	7 50	1 50	15 00
<b>Fragrans.</b> Red; good bloomer; long stems, a very good variety.....	30	3 00	50	5 00	1 25	12 00
<b>Francis Ortegal.</b> Purplish crimson .....	30	3 00	50	5 00	1 25	12 00
<b>Hamlet.</b> Red; good flower .....	25	2 50	50	5 00	75	7 50
<b>Humei Carnea.</b> Clear cherry-pink; strong grower; large, very full, highly cinnamon-scented flower; very late; graceful habit. An excellent variety for cut-flowers .....	30	3 00	50	5 00	1 25	12 00
<b>Lady Leonora Bramwell.</b> Compact, vigorous habit; color delicate silvery pink, shaded lilac and chamois; three nankeen petals tipped with crimson at the center; good keeper and shipper.	50	5 00	75	7 50	1 50	15 00
<b>Mary Lemoine.</b> Very large; ivory-white bloom, shaded pink and chamois; strong stems of medium height; late bloomer; excellent variety; scarce .....	50	5 00	75	7 50	1 50	15 00
<b>Mme. Calot.</b> Pinkish white, tinted with flesh color .....	50	5 00	75	7 50	1 50	15 00
<b>President Roosevelt.</b> Extra large flower, fine scarlet; good keeper .....	50	5 00	75	7 50	1 50	15 00
<b>Pulcherrima.</b> Rose-violet, center rose and salmon; a good variety for collection.....	30	3 00	50	5 00	1 25	12 00
<b>Queen Victoria.</b> Large, full, compact bloom, with fine broad guard petals; opens flesh-white, center petals tipped with red blotches. One of the best cut-flower varieties, as it is an exceptional shipper and keeper..	30	3 00	50	5 00	1 25	12 00
<b>Reevesii plena.</b> Rosy flesh, red blotch on center petals.....	25	3 00	50	5 00	1 25	12 00
<b>Richardson's rubra superba.</b> Brilliant deep crimson; the latest of all Peonies to bloom; very fragrant; the best keeper.....	30	3 00	50	5 00	1 25	12 00
<b>Rubra triumphans.</b> Rich glowing crimson.....	30	3 00	50	5 00	1 25	12 00
<b>Edulis superba.</b> An excellent shell-pink variety .....	30	3 00	50	5 00		
<b>Mme. Chaumy.</b> Globular; soft pink, much like Lady Bramwell; only larger and later. This is one of great beauty and a good keeper .....	30	3 00	50	5 00		
<b>Louis Van Houtte</b> (Calot). Rich, glaring purplish pink. Very satisfactory variety .....	35	3 50	60	7 00		
<b>Berlioz.</b> Brilliant dark red, tinted rose; flowers of very large size, imbricated. A fine keeper, dwarf, compact grower.....	35	3 50	60	7 00		
<b>Meissonier.</b> Deep self-colored crimson, with guard petals reflexed clear to the stem, thus forming a regular ball; double late .....	50	5 00	75	7 50		

### Japanese, or Anemone-Flowered Peonies

- No. 1. Pink, tipped white, variegated center.
  - No. 2. Blush petals, large, full chrysanthemum center.
  - No. 3. Pink, tipped white, white-shaded center.
  - No. 5. Rose, shaded white, crimson, tipped with orange center.
  - No. 6. Blush, with rose at base of petals, yellow center.
  - No. 11. Purplish rose, with variegated center; very handsome.
  - No. 13. Rose and white, with dark rose at base of petals, full orange center.
  - No. 14. Violet-red, full variegated yellow and maroon center.
  - No. 16. Handsome pure white.
  - No. 23. Red, shading to wine-color, chrysanthemum-shaped center of gold.
  - No. 26. Twisted and curved petals of rose, cardinal-white, variegated center.
  - No. 27. Solid dark scarlet-red; very handsome.
- Price, 2-year-old roots, 50 cts. each, \$5 per doz.; 3-year-old roots, \$1 each, \$10 per doz.; 5-year-old clumps, \$2 each, \$20 per doz.



Peony, Festiva maxima



# GENERAL LIST of BULBS and PLANTS

## FOR GARDEN, GREENHOUSE AND CONSERVATORY

We have added an additional modern greenhouse at our Nurseries and Trial Grounds, in which we have made preparations for the proper growing of Popular Bedding and Flowering Plants which the amateur frequently purchases and which are often poorly grown. Our Greenhouse and Nurseries are located at "Brookside," Dumont, New Jersey, twelve miles from New York City, on the West-Shore Railroad.

**NURSERY.** Our stock of Hardy Herbaceous Plants, Shrubs, Trees and Evergreens is quite complete and we constantly supply Plants, Shrubs and Trees to the Best Country Estates, as well as the Suburban Homes. We shall at all times be pleased to correspond with persons intending to make improvements on the grounds of their homes and will cheerfully submit estimates of stock desired, or be pleased to make suggestions for the proper embellishment of grounds or garden.

**Bulbs and Plants by Express.** We do not deliver plants or bulbs free by express, the purchaser paying the charges, which are, by the principal express companies, 20 per cent less than regular merchandise rates. We strongly urge this method of transportation, as it enables us not only to give better values in the form of larger and finer plants and bulbs, but we also always add liberal "extras" to help defray charges, **and, unless instructed to the contrary, all orders are forwarded by express.**

**ANEMONE.** None of the spring flowers surpass the Anemone for brilliancy of color or profusion of bloom. They are very lasting and in recent years have been grown very extensively for cutting or table decoration.

**Coronaria.** Single blue, crimson, white and scarlet. 25 cts. per doz., \$1.75 per 100.

**French De Caen.** Mixed. 25 cts. per doz., \$1.75 per 100.

**AMARYLLIS.** All the varieties in this list are of the easiest culture; the great secret being to give them alternately a season of growth and one of rest. To do this well, the plants should be abundantly supplied with water and heat, and placed near the glass when they are coming into flower, and water should be withheld from them gradually when they have ceased flowering, when they should be laid away in a dry, cool place. The soil suitable for their culture is a rich loam, one-fourth part of well-rotted manure and a slight proportion of sand.

**If ordered by mail, add 5 cts. each for postage**

**Belladonna Major.** Large violet and white. 15 cts. each, \$1.50 per doz.

**Equestris** (The Barbadoes Lily). Bright orange-scarlet, with white throat. 20 cts. each, \$2 per doz.

**Formosissima** (Jacobæan Lily). Brilliant scarlet. 15 cts. each, \$1.50 per doz.

**Johnsonii.** Crimson, striped with white. 25 cts. each, \$3 per doz.

**Defiance.** Carmine-red, bars white, running through petals. \$1 each, \$10 per doz.

**Vittata.** White, red-striped. 60 cts. each, \$7 per doz.

**APIOS TUBEROSA.** (Tuberous-rooted Wistaria.) Clusters of rich, deep purple flowers, which have a strong, delicious violet fragrance. Tubers 10 cts. each, 75 cts. per doz., \$5 per 100.

**BESSERA ELEGANS.** (Coral Drops.) If stored during winter in a dry place and planted in the garden in the spring, it can be grown with perfect ease; its umbels of bright coral-like flowers open in succession during fully two months of the late summer. The flowers are of vermillion-red, variously marked with white on the inner surface; bright purple anthers. Height 1 to 2 feet. 5c. each, 50c. per doz., \$3 per 100.

**CINNAMON VINE.** (*Dioscorea Batatas*). A beautiful rapid-growing summer climber, with bright green glossy foliage, and spikes of deliciously cinnamon-scented white flowers. It is perfectly hardy, the stem dying down in winter but growing with great rapidity in the spring, so as to cover any trellis or arbor very early in the season. Large select roots. 10 cts. each, \$1 per doz., \$7 per 100. Mammoth roots, 25 cts. each, \$2.50 per doz., \$15 per 100.

**CALLAS.** **Richardia.** The varieties offered below succeed best when treated in the same manner as gladioli, tuberoses and other summer-flowering bulbs. They should be planted in the open border in a dormant condition when danger from frost is over in spring, and will then flower during the summer months. When the tops are killed by frost in the autumn dig and store through the winter as you would potatoes.

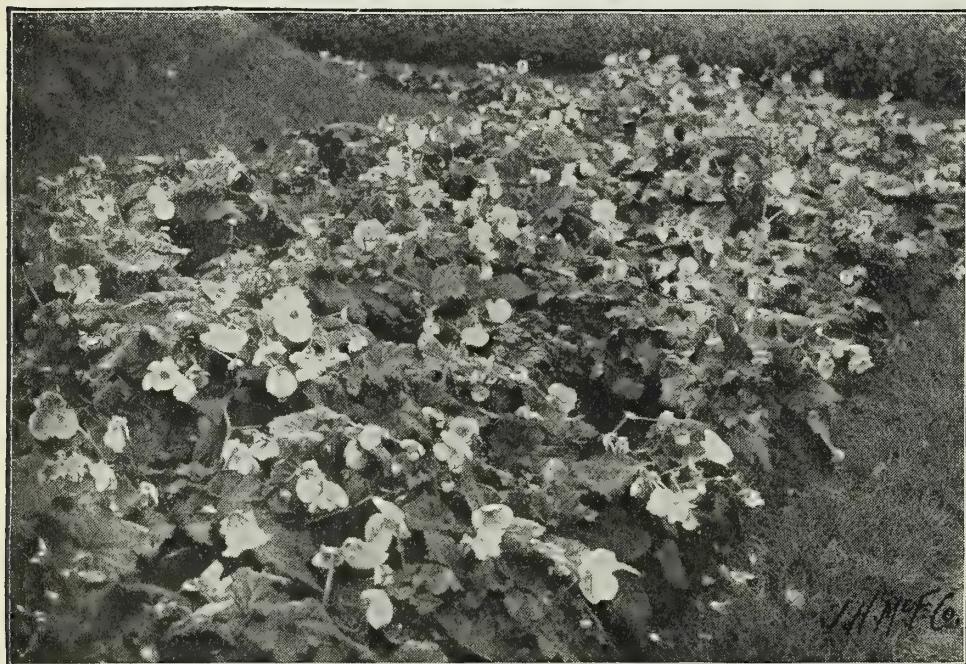
**Golden Yellow** (*Richardia Elliottiana*). This is the best of the Yellow Callas, its flowers being as large as the popular white winter-flowering variety, and is of a rich lustrous golden yellow of velvety texture; the foliage is dark green, with a number of translucent creamy white spots, which add much to its beauty. Strong bulbs 25 cts. each, \$2.50 per doz.

**Spotted Leaf** (*Richardia albo-maculata*). The leaves of this variety are deep green, with numerous white spots, which give the plant a very ornamental appearance. The flowers are white, with a black center. 10 cts. each, \$1 per doz.

# Giant-flowering Tuberous-rooted Begonias

We are headquarters for Tuberous-Rooted Begonias; our stock being strictly selected bulbs of the highest possible quality. The opportunities offered by Tuberous-Rooted Begonias for the embellishment of the shady spots in every garden should specially suggest their use, and where grown as a pot-plant for greenhouse or conservatory decoration they are truly a most worthy subject. May be started indoors in February or planted out in dormant state on May 1.

**CULTURE.**—A popular method of culture adopted by most amateurs is to provide a pan or box, and cover bottom surface to the depth of say one inch or two with sphagnum moss, placing the bulb immediately on top and then covering with still another layer of sphagnum moss. They should be kept moist and moderately warm. Plant in pots in a light but finely sifted soil, about one inch below the surface and water cautiously until plant has shown considerable growth, then increase the amount. Good drainage is essential. A finely developed plant might consist of three bulbs planted in a 7-inch pot.



Brilliant Bedding Begonias

## Giant-Flowering Fringed Begonias

### MONSTER BULBS

Beautiful giant blooms, with elegantly fringed edges, giving the flowers a most graceful appearance.

Orange	Red	Yellow
Rose	White	Salmon

Named Kinds, 20 cts. each, \$2 per doz., \$15 per 100  
Special Mixed, 15 cts. each, \$1.50 per doz., \$12 per 100

## Brilliant Bedding Begonias

## DUKE ZEPPELIN and LAFAYETTE

These two hybrid tuberous-rooted Begonias have stood the firm tests as bedding varieties, and their popularity continues undiminished and might easily be termed Giant Continuous Blooming Bedding Begonias. Their dwarf habit combined with their sturdy, large and intensely brilliant blooms makes them a sight not easily forgotten.

**DUKE ZEPPELIN.** Intense pure vermillion-scarlet. 15 cts. each, \$1.50 per doz., \$12 per 100.

**LAFAYETTE.** Rich brilliant crimson-scarlet. 20 cts. each, \$2 per doz., \$20 per 100.

## SELECT HYBRID GLOXINIAS

*Gloxinia erecta grandiflora*

The handsomest of summer-blooming plants, the rich and varied colorings of the flowers being interesting in the extreme, many of them beautifully speckled; flowers 3 inches long by 2 inches in diameter, upright and pendulous; colors various and exceedingly rich in appearance; used very extensively as a pot plant for conservatory decoration or as a cut-flower.

**EMPEROR FREDERICK.** Red-bordered Each Doz. 100  
white..... \$0 15 \$1 50 \$10 00

**EMPEROR WILLIAM.** Violet bordered white 15 1 50 10.00

**PRINCESS ELIZABETH.** White bordered blue 15 1 25

**MONT BLANC.** Pure white ..... 15

**VIOLACEA.** Dark violet ..... 15

**MADAME HELENE.** White crowned violet... 15

**PRINCESS MATHILDA.** White bordered Each Doz. 100  
rose ..... \$0 15 \$1 25 \$9 00

**QUEEN WILHELMINA.** Dark rose ..... 15 1 50 10.00

**DEFIANCE.** Scarlet ..... 15 1 50 10.00

**KING OF THE REDS.** Deep scarlet..... 15 1 50 10.00

**PRINCE ALBERT.** Dark violet ..... 15 1 25 9.00

**FINE MIXED**..... 10 1 00 7.50

Collection one bulb each 10 varieties \$1.25. Two collections \$2.25

**CALADIUM ESCULENTUM.**

Elephant's Ear. One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn. Very frequently used as border plant about suburban residences, where their large rich green leaves afford an excellent embellishment when contrasted with the colors of the dwellings. Leaves often measure 3 to 4 feet long and 2½ feet wide. Small size 10 cts. each, \$1 per doz.; medium size 20 cts. each, \$2 per doz.; large size 25 cts. each, \$2.50 per doz.; extra-large size 25 cts. each, \$3.50 per doz.; jumbo bulbs 50 cts. each, \$5 per doz.; 5-in. pots, selected plants well started, 50 cts. each, \$3.50 per doz., \$25 per 100, by express, purchaser paying charges; 6-inch pots, selected plants well started, 60 cts. each, \$4 per doz., \$30 per 100, by express, purchaser paying charges.

**DIELYTRA SPECTABILIS.**

Bleeding Heart. A well-known ornamental spring-flowering plant with green foliage, and bearing racemes of pink and white heart-shaped flowers. Plant as soon as the ground can be worked. They may be left undisturbed for years. By express only. Extra-large clumps, 35 cts. each, \$3.50 per doz.

**GIANT WHITE SUMMER HYACINTH.**

Luxuriant, free-growing summer-flowering plant, spreading 2 or 3 feet, throwing up great, tall spikes 4 to 5 feet in height, each bearing 20 to 30 large white bell-shaped flowers, of the easiest culture and fine for groups. 5 cts. each, 50 cts. per doz., \$3 per 100. If ordered by mail, add 10 cts. per doz. for postage.

**THE GREAT IS-**

**MENE.** Those who are familiar with the true Giant Ismene cannot say enough in praise of its beauty and purity. The flowers are of a very large size, like an Amaryllis, of novel form and snowy whiteness, and are also exceedingly fragrant. It is really one of the most lovely of all the great Amaryllis tribe, having a peculiar grandeur which one can appreciate at sight, but cannot describe. Bulbs are large and strong and begin to flower in two or three weeks after planting, sending up tall flower-stems, which bear several of its magnificent blossoms. 25 cts. each, \$2.50 per doz.

**LYCORIS SQUAMIGERA.** or *Amaryllis*

Halli (The Magic Lily of Japan). A perfectly hardy Amaryllis bearing beautiful pink flowers. Produces in early spring attractive green foliage which grows until July when it ripens off and disappears, and any one not familiar with its habits would think the bulb had died; but about a month later, as if by magic, the flower-stalks spring from the ground to a height of 2 or 3 feet, developing an umbel of large and beautiful lily-shaped flowers 3 to 4 inches across and from 8 to 12 in number, of a delicate lilac-pink, shaded with clear blue. As the bulb is perfectly hardy without any protection, it can be planted either in the fall or spring, but we consider the spring the best time as the bulbs will have splendid chance to get established before flowering time. Cover the crowns about 4 inches. Strong-flowering bulbs, 35 cts. each, 3 for \$1, \$3.50 per doz., \$25 per 100.

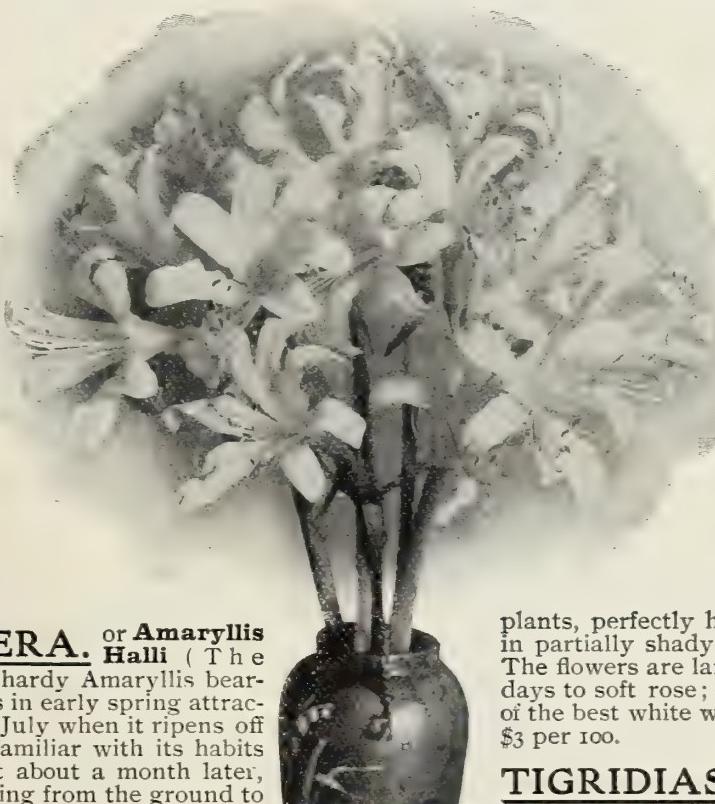
**MADEIRA VINE.** The old favorite "Climbing Mignonette." Thick, glossy leaves, and long, hanging stems of feathery, fragrant white flowers. Extra-large bulbs, 5 cts. each, 50 cts. per doz., \$3.50 per 100.

**MILLA BIFLORA.** Mexican Star Flower. A beautiful summer-blooming bulb, for sunny positions. A row or bed of them is always in flower after the middle of summer and very attractive. Flowers star-shaped, 1½ inches across, clear waxy white, of great substance, enlivened by a frost-like sparkle; the fragrance is delightful. Place a stalk in water and the flowers will all open; we have seen eleven stalks shoot up successively from one bulb. The bulbs flower profusely and with great certainty. Height 12 to 18 inches. 5 cts. each, 50 cts. per doz., \$3 per 100.

**OXALIS.** Summer-Flowering. Valuable for edging walks flower beds, etc. Bulbs planted 3 inches apart form rounded rows of delicate foliage, about 1 foot high, which produce flowers in endless succession.

**Lasiandra.** Rosy pink. 25 cts. per doz., \$2 per 100.

**Deppei.** Rosy white. 25 cts. per doz., \$2 per 100.



*Lycoris squamigera*

**MONTBRETIAS**

The Montbretias are one of the brightest of our summer-flowering bulbs, and deserve to be planted extensively. The bulb should be set out during April or May, 3 to 6 inches apart in clumps of a dozen or more. They should be protected during the winter with a heavy covering of leaves or litter.

**Giant Montbretia Germania.** Grows from 3 to 4 feet high, producing graceful, free-branching flower-spikes, bearing very large, widely expanded flowers 2 to 3 inches across. The color is a rich, glowing orange-scarlet, with red throat. 5 cts. each, 40 cts. per doz., \$2.75 per 100, \$25 per 1,000.

**Giant Montbretia, George Davison.** Variety of great merit and a splendid Montbretia. The stems are 3 feet high, eight- to ten-branched, bearing lovely pale orange-yellow flowers 3 inches across, widely expanded and tinted deeper orange externally. It is among the first to flower. Strongly recommended. 10 cts. each, \$1 per doz., \$7.50 per 100.

**Giant Montbretia, Martagon.** Deep orange, with brownish center, reflexed petals; very beautiful. 5 cts. each, 50 cts. per doz., \$4 per 100.

**THREE GOOD STANDARD SORTS**

**California.** A beautiful deep golden yellow very recommendable, and a profuse bloomer. 25 cts. per doz., \$1.75 per 100, \$15 per 1,000, express prepaid.

**Star of Fire.** Bright vermillion, center yellow, outside blood-red. 25 cts. per doz., \$1.75 per 100, \$15 per 1,000, express prepaid.

**Sunset.** Golden yellow. 15c. per doz., \$1 per 100, \$7.50 per 1,000.

**PANCRATIUM.** Spider Lily. This grand Spider Lily forms large imposing clumps, that are a mass of clustered heads of pure white, fragrant flowers. The flowers have a peculiar and striking beauty, which must be seen to be appreciated. The flowers are borne in large clusters, are of waxy whiteness and unsurpassed fragrance. Fine flowering bulbs, 15 cts. each, \$1.50 per doz.

**TRILLIUM GRANDIFLORUM.** Great American Wood Lily. This

is one of the most beautiful American plants, perfectly hardy, growing and flowering profusely in partially shady nooks about the lawn, under trees, etc. The flowers are large, of the finest white, changing in a few days to soft rose; if grown several in a pot, it makes one of the best white winter flowers. 5 cts. each, 50 cts. per doz., \$3 per 100.

**TIGRIDIAS.** Tiger, or Shell Flower. These gorgeous summer-flowering bulbs look well associated with gladioli, lilies and kindred stock; grow about 1½ feet high and flower freely throughout the summer. They require the same treatment as gladioli and should be lifted in the autumn and dried off in the same way.

	Each	Doz.	100
<i>Tigridia coelestina.</i> Sky-blue .....	\$0 15	\$1 50	\$10 00
" <i>grandiflora alba.</i> White .....	10	75	5 00
" <i>pavonia red.</i> Deep red.....	10	75	5 00
" " <i>canariensis.</i> Light yellow...	10	75	5 00
" " <i>speciosa.</i> Scarlet-red.....	10	75	5 00
" " <i>lilacea.</i> Reddish lilac.....	10	75	5 00

Above prices, express prepaid

**TUBEROSES.** One of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skilful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May, or as soon as the ground becomes warm.

**Excelsior Double Pearl.** First size 5 cts. each, 35 cts. per doz., \$2 per 100. Mammoth bulbs 10 cts. each, 60 cts. per doz., \$4 per 100, express prepaid.

**Armstrong's.** The single everblooming Tuberose. 50 cts. per doz., \$3.50 per 100.



Enchantress Carnation

## CARNATIONS

Carnations listed below are strong plants from 3-inch pots, delivery to be made in May, when they can be immediately planted in the garden, 12 inches each way, and kept well cultivated until they begin to bloom, when a light mulch of strawy manure will be beneficial to retain moisture in the soil and help nourish the plants.

Plants so treated should begin to flower in July and continue to produce an abundance of flowers until killed by frost. For winter-flowering, the same cultural notes apply, with the exception that they can be planted somewhat closer in the garden, and flower shoots kept pinched back until about the middle of August, when they should be planted on benches in the greenhouse for the season's crop of flowers. Any good, fresh soil, moderately enriched, will grow them. Plant 9 to 12 inches apart, according to the size of the plants. The same night temperature that is required for the little plants before planting out, will make good flowers, with fifteen to twenty degrees higher and plenty of fresh air during bright days; water only sufficiently to keep plants from wilting.

### Ten Best Garden Varieties

**AFTERGLOW.** A fine, large, cerise-pink.

**BEACON.** A deep crimson; a very large and profuse bloomer.

**WINONA.** Beautiful pink.

**ENCHANTRESS.** Exquisite, delicate pink.

**HARVARD.** Glowing crimson.

**O. P. BASSETT.** An excellent scarlet.

**RUBY.** A large, deep crimson.

**WHITE ENCHANTRESS.** A very free and beautiful white.

**WHITE PERFECTION.** The best white.

**WINDSOR.** Finest silvery pink.

**Selected 3-inch pot plants, 15 cts. each, \$1.50 per doz., \$10 per 100, express prepaid**

**Collection, one each, ten varieties, \$1.25**

### Six Carnations of Sterling Merit (INTRODUCTION 1910-1911)

The following six varieties might well be considered as the cream of this and last year's introductions, a number of which will supersede existing popular varieties, both for the private or commercial grower.

**White House.** We desire to present to the trade the new Carnation, White House, the "Prince of Quality" whites. This variety was raised by Dailedouze Bros., who, for two years, secured a higher regular price for the cut-flowers, in the New York market, than has been obtained for any other variety that has ever been sold. In size it is easily the largest white we have, every flower, after November 15, running well over 4 inches. Rooted cuttings, \$3 per doz., \$15 per 100.

**Dorothy Gordon.** A seedling of Lawson on Enchantress and a trifle darker than Pink Enchantress. Vigorous, free from disease, large and a very profuse bloomer. Rooted cuttings, \$1.50 per doz., \$10 per 100.

**Mrs. C. W. Ward.** Is a free and perfectly healthy grower, producing perfect flowers on long stems as early as September first. The color is the clear, deep pink so much admired. Rooted cuttings, \$1.25 per doz., \$8 per 100.

**Christmas Cheer.** This dwarf Carnation makes a splendid pot plant and can be grown with great success after the chrysanthemums are cut and thrown out, directly for Christmas. The color is the ideal Christmas-red and, while the flowers are not large, it will pay any grower to handle this just for Christmas flowers alone. Rooted cuttings, \$3 per doz., \$15 per 100.

**Princess Charming.** This is one of the finest-keeping Carnations ever introduced. It will travel for days without getting sleepy. In color it resembles Enchantress very much, running a shade deeper in the winter time. Rooted cuttings, \$3 per doz., \$15 per 100.

**Scarlet Glow.** The color, an exceptional bright scarlet, never becomes dull. A perfect, well-rounded bloom; growth much on the order of Beacon, makes large, well-shaped plants with a long, narrow leaf; stems long, straight and stiff. Rooted cuttings, \$1.50 per doz., \$10 per 100.

## CHRYSANTHEMUMS

### SEVERAL 1910 FAVORITES

**Mrs. David Syme.** The finest white ever produced for any purpose. Won the C. S. A. Silver Cup and First Prize in any competition in which it was entered. Absolutely perfect in flower, stem and foliage. 50c. each, \$5 per doz.

**Mrs. W. A. Read.** Intense fiery crimson. Like so many of this color, a little disposed to burn, but it will pay any grower to study this variety and do it as well as he can. A bud around August 15 is not nearly so liable to dampen as later buds. 50 cts. each, \$5 per doz.

**W. Woodmason.** Has made a wonderful record at the shows this year; it has been exhibited 12 inches across and 10 inches deep; does not burn and must be classed as a wonderful crimson. \$1 each, \$9 per doz.

**Mrs. A. R. Peacock.** Greatly resembles Beatrice May, its parent, in size and color, with very handsome stem and foliage. This variety is very scarce. 30 cts. each, \$3 per doz.

**Mrs. Wm. Arnold.** A very excellent white; good keeper and shipper. 20 cts. each, \$2 per doz.

**Mrs. Wm. Wincott.** Early pink; comes in with Glory of the Pacific and has a much better color. 20 cts. each, \$2 per doz.

**R. F. Felton.** Deepest possible shade of yellow. This flower never damps a petal under any conditions whatever. While this is hardly large enough for an exhibition flower in some company, it is, perhaps, the finest colored yellow Chrysanthemum we have in cultivation today. 20 cts. each, \$2 per doz.

# Wells-Pockett-Totty Novelty Chrysanthemums for '11

\$2 each, \$20 per doz., collection 10 varieties for \$18

**Mrs. G. C. Kelly.** This variety will, next year, be the center of attraction at the exhibitions as has been Mrs. David Syme during the season just closed. The color is old-rose with a silvery reverse. In size the flower is one of the very largest. Its general makeup and finish is perfection. The stem is stiff and the foliage well up. This is a variety that is destined to make its mark and add more laurels to the name of Mr. Pockett.

**William Turner.** A splendid variety. It will rank among the very largest and, another year, when well grown from early stock, may be the leader in its color. It is a true Japanese reflexed, and the petals hang down to meet the foliage. Purely an exhibition variety, and one well worthy of the grower after whom it is named. Bud August 30 and later.

**Harry E. Converse.** Chestnut-crimson with a bronze reverse. By the time the flower is finished it makes a heavy ball of shining bronze. This is a magnificent variety with very heavy stem and foliage, running 6 feet high with us this year. It will rank as one of the very best in its color either in the short- or long-stem classes. The best flower with us developed from a bud taken August 20.

**E. M. Byrnes.** Glistening scarlet-crimson; easily the most striking variety in my collection this year. The flower is not large, but the wonderful color is so effective that it can be seen all over the house and it makes all other crimsons look black and dead in comparison. Will not damp a petal which is a great recommendation in its favor. Bud from August 20 onward.

**Lady Carmichael.** Pure white Japanese reflexed with perfect stem and foliage like an iron rod. This variety was really planted too late to be shown at its best. Next year it will unquestionably find its place very near the top in exhibition whites. Bud August 25.

BOOK, HOW TO GROW CHRYSANTHEMUMS, BY A. HERRINGTON, 50 CENTS, POSTPAID

**F. T. Quittenton.** A deep crimson, every petal of which naturally reflexes, showing the color to the best advantage. This is a particularly strong grower conforming in all respects to what is latterly considered the Wells-Pockett type, short-jointed, heavy growth and perfect foliage. F. T. Quittenton does not burn a petal and on that account alone will rank well in the list of crimsons. Do not take bud before August 25, as earlier buds are so crowded with petals that they cannot properly develop.

## Three American Varieties

NOVELTIES 1911

50 cts. each, \$5 per doz., \$35 per 100

**F. E. Nash.** Light pink Japanese. Certificated by C. S. A., New York. Raised by A. J. Loveless. A very handsome, heavy growing variety that will easily make its mark. Take bud not earlier than August 20 to get the best-colored bloom. 5 feet.

**Alice M. Flagler.** Pure white Japanese incurved; perfect stem and foliage, and one that in an average season should rank very high. It might be described as an improved Mrs. Robinson with a heavier stem. Crown bud Aug. 20.

**Pioneer.** A beautiful soft pink with wide petals toothed at the ends, giving the flower a very pleasing effect and apparently the pioneer of a new type; there is nothing like it in form at the present time; it is a new departure and is sure to become a favorite. A good grower and builds a good flower on any bud. Exhibition and commercial. Certificate C. S. A., Boston.

# Standard Collection of Chrysanthemums

## BEST CUT-FLOWER AND EXHIBITION VARIETIES

**A. J. Balfour.** Bright rose-pink.

**Beatrice May.** Standard sterling white.

**Cheltonii.** Pure yellow; of graceful form.

**Col. Appleton.** Large; deep yellow; incurved.

**Chrysanthemiste Montigney.** Lemon-yellow; large size.

**Dolly Dimple.** Large, well-formed, late yellow.

**Early Snow.** A first-class early variety.

**Glenview.** A magnificent globe of dark red; dwarf grower, with stiff stem.

**Glory-of-the-Pacific.** Fine, early pink; dwarf grower; bud about August 20.

**Jeanne Nonin.** A splendid late commercial white. If last bud is taken about October 1, blooms can be had in perfect condition for Christmas.

**Merry Jane.** Well-formed yellow; splendid stem and foliage. Ready about November 7.

**Maud Dean.** Pink; an excellent commercial variety.

**Mary Donnellan.** The finest shade of yellow. A splendid incurved variety, which has taken a great many honors wherever exhibited.

**Mrs. H. Partridge.** Crimson. As an exhibition flower always ranks very high. Dwarf; beautiful grower; always satisfies.

**Morton F. Plant.** Splendid, large pink.

**Pattie.** Very delicate, pleasing shade of pink. Good commercial variety and should be very popular.

**Pockett's Crimson.** The greatest thing in its color ever sent out. Crimson with a gold reverse. Makes a flower 9 inches across; splendid grower, with foliage right up to the flower.

**Pink Ivory.** Nice shade of light pink.

**Mrs. W. Duckham.** Golden yellow, late buds sometimes striped crimson. A very handsome variety; good grower and an easy doer.

**Yellow Miller.** A yellow sport of the bronze Mrs. J. A. Miller; one of the largest flowers we have.

**Lady Hopetown.** A very large heliotrope-pink; usually captures first prize for size.

**Miss Miriam Hankey.** Late pink; splendid grower.

**Merza.** Still unequalled as a white on the exhibition table.

**Monrovia.** Very largely grown as an early yellow, coming in from September 20 to October 15.

15 cts. each, \$1.50 per doz., \$8 per 100



Exhibition Chrysanthemum

## Early-flowering Chrysanthemums, Excellent Outdoor Varieties

An assortment of very early-flowering varieties selected from an English collection. We have, during the past two seasons, given these varieties a trial at our own grounds, and are pleased to say that where they were permitted to make their natural growth, without disbudding, making as many shoots as they desired, they gave us a splendid display from the middle of September to the second week in November.

**Bouquet Rose.** Rose with gold center; a charmingly pretty flower and wonderfully free.

**Carrie.** Deep yellow.

**Crimson Marie Massie.** Bronze sport from Mme. Marie Massie.

**Ethel Blades.** Chestnut-scarlet; wonderfully bright flowers.

**Fee Parisienne.** Deep mauve; long, drooping florets with incurving center.

**Horace Martin.** Deep yellow sport from Crimson Marie Massie.

**Leslie.** Rich buttercup yellow; a real beauty.

**Mme. Marie Massie.** Lilac-mauve.

**Polly.** Deep orange; early flowers amber.

**Tapis de Neige.** Pure white.

**Tapis d'Or.** Brilliant golden yellow.

**Tottie.** Reddish orange; late flowers are almost orange.

25 cts. each, \$2.50 per doz.

### Japanese Anemone-flowered Chrysanthemums

**Garza.** Pure white.

**Judge Hoyt.** Pearl-pink; large size.

**Mrs. Shimmins.** Apricot, shaded red.

**Owens' Perfection.** Lilac and gold.

**Surprise.** Pink; very large and good.

10 cts. each, \$1 per doz.

## GERANIUMS

The sets of standard single and double varieties offered below are the best bedding sorts in commerce. The varieties of this year's introduction are well worthy of a trial, being especially well adapted for growing in pots for conservatory decoration or for the window garden.

### Twelve Standard Double Geraniums

**Alphonse Ricard.** Large, semi-double flowers of bright vermillion-scarlet; large florets and trusses; undoubtedly the finest large-flowering scarlet bedder.

**Beaute Poitevine.** Conceded to be one of the best semi-double bedders among the light salmon shades.

**Berthe de Presilly.** Large, semi-double flowers, profusely produced in splendid trusses the entire season. It is, in fact, one of the best bedding light pinks we have, and is a fit companion to the old favorite and standby, S. A. Nutt.

**COL. THOMAS.** Distinct in color and exceptionally attractive; a deep cardinal-red, apparently colored with purplish sheen. Medium in size; flowers in great profusion, semi-double.

**Dagata.** Dwarf, robust, compact grower; beautiful rose-mauve, large white blotch at base of upper petals.

**General Grant.** A very excellent variety, of intense dazzling scarlet; profuse bloomer.

**Jean Oberle.** A beautiful shade of hydrangea-pink, shading to pure white at the outer edges of each petal.

**M. ANATOLE ROSELEUR.** A most beautiful shade of deep rose-pink, rivaling in beauty and freshness the color of the Paul Neyron rose; semi-double, dwarf, vigorous and a profuse bloomer.

**Mme. Buchner.** Snow-white; strong, vigorous grower; flowers abundantly produced in large trusses.

**Double Dryden.** Exquisite color combination; center coral-white, gradually shaded through the most delicate lilac-magenta toward outer edge of the petals, which are glowing soft crimson.

**MME. RECAMIER.** Considered by many as the best double white; strong and vigorous grower.

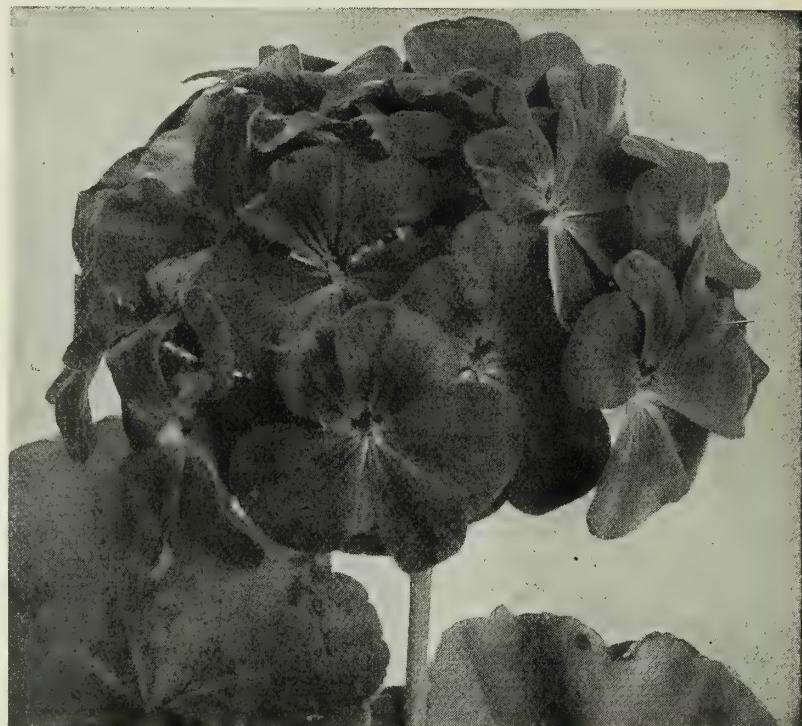
**S. A. Nutt.** Brilliant scarlet, maroon shading. Most popular Geranium for pots or bedding.

Selected pot stock 15c. each, \$1.50 per doz., \$10 per 100

### Variegated Foliage Varieties

**Mme. Salleroi.** Dwarf, compact habit, being not more than a foot high. Bright green leaves edged white.

More universally used than any other Geranium as a border. Selected pot stock 15 cts. each, \$1.50 per doz., \$10 per 100.



Paul Crampel Geranium

### Six Standard Single Geraniums

**Admiration.** Enormous trusses of beautifully formed flowers; color an exquisite shade of bright rosy shrimp-pink, shading to white center; strong grower.

**Claire Albane.** Immense flowers of pure white color; an excellent variety; large trusses; stands the sun perfectly well.

**Dryden.** Bright cochineal red, shading to pure white center; very floriferous; exceptionally clean, healthy and vigorous; foliage slightly zoned.

**Pamela.** (Cannell, 1906.) Extremely handsome and distinct variety. Large, pure white center with a shading through a maculated effect to a broad, distinct outer margin of crimson lake.

**Paul Crampel.** (Lem. 1892.) A most brilliant shade of vermillion-scarlet, so vivid as to completely dazzle the eye.

**Rival.** The result of a cross between the zonal and ivy-leaved type, retaining more of the nature of the zonal and possessing many of the good points of both parents. Splendid as a pot-plant and under favorable conditions is an excellent bedder. Color a unique soft shade of salmon-red, upper petals beautifully blotched.

Selected pot stock, 15c. each, \$1.50 per doz., \$10 per 100

### Cactus-flowered Geraniums

A very unique and strikingly beautiful, distinct type which originated in England a few years ago, and has come into very popular favor as a pot plant for conservatory or window-boxes.

**Diabolo.** Small semi-double flowers very disorderly arranged, of a brilliant fiery scarlet color; dwarf grower; very floriferous.

**Exquisite.** Geranium-lake. **Rose Queen.** Strawberry-red. **Fire Brand.** Rich scarlet. **Salmon Queen.** Light scarlet.

**Mrs. J. Brown.** Deep carmine.

Strong plants 25 cts. each, \$2.50 per doz.

### Ivy-Leaved Varieties

**Ballade.** Tender lilac, upper petals feathered crimson-maroon.

**Caesar Frank.** Bright strawberry-red with lighter center.

**Cordens Glory.** A profuse bloomer of an exquisite bright scarlet; double flower; considered one of the best of its type.

**Mme. Thibaut.** Bright clear rose; very free-flowering.

**Mrs. Banks.** White, slightly tinted blush, with large dark blotches on the upper petals.

Selected pot plants 15c. each, \$1.50 per doz., \$10 per 100

# Annuals for Summer-Flowering

The following Annuals are grown at our own greenhouses, and are all selected plants. When considering prices, please note that the stock we send out is of the best quality, and that we do prepay charges. See special offer.

All plants listed below are prepaid to our customer, if within 100 miles of New York City

Plants ready for delivery April 15 to June 1



Sweet William

**ALYSSUM.** Sweet and Little Gem. Excellent for edging borders and formal gardens. 10 cts. each, 60 cts. per doz., \$4 per 100.

**ANTIRRHINUM.** Popular plants for bedding or cutting.

Tall Mixed. Ready in May. 10 cts. each, \$1 per doz., \$7 per 100.

**ASTER.** This summer-flowering plant needs no description.

Queen of Market (Extra-early). Strong plants out of 2½-inch pots. White, Blue, Crimson, Rose, Scarlet and Mixed. 60 cts. per doz., \$4 per 100.

S. & W. Co.'s Late Branching. Strong plants out of 2-inch pots. White, Crimson, Blue, Rose, Scarlet and Mixed. 60 cts. per doz., \$4 per 100.

**CASTOR OIL PLANTS.** (Ricinus.) An excellent plant for background or center of large beds. Strong pot plants 15 cts. each, \$1.50 per doz.

**CENTAUREA GYMNOCARPA.** (Dusty Miller.) A fine silvery foliage plant used very extensively for edging and borders. Strong pot plants 15 cts. each, \$1.50 per doz.

**COLEUS.** (Flame Nettle.) The varieties of this popular bedding plant mentioned below are the best.

Golden Bedder. Fine yellow.

Queen Victoria. Crimson, golden edge.

Rainbow. Velvety maroon, margined gold.

Verschaffelti. A popular dark crimson.

Selected plants from pots 10c. ea., \$1 per doz., \$6 per 100

**COSMOS.** Indispensable autumn-blooming plants, producing their artistic blossoms in lavish profusion.

Lady Lenox. Exquisite pink.

Mammoth Late. White, Pink and Crimson.

Selected pot plants 10c. each, 75 cts. per doz., \$6 per 100

**DIANTHUS CHINENSIS.** (Chinese Pinks.) A very beautiful garden plant, blooming profusely throughout summer.

Single Finest Mixed. Selected plants 10 cts. each, 75 cts. per doz., \$6 per 100.

**LARKSPUR.** Very ornamental plants, producing, in great variety of form and colors, some of the most beautiful flowers in cultivation.

Double Dwarf Rocket Mixed. Selected plants 10 cts. each, 75 cts. per doz., \$6 per 100.

**LOBELIA.** A very pretty plant used very extensively for the garden border.

Bedding Queen. Dwarf blue. Selected pot plants, 75 cts. per doz., \$6 per 100.

**DOUBLE BLUE KATHLEEN MALLARD.**

A charming plant of English introduction. Large flowers of intense deep blue color. Pot plants \$1.50 per doz., \$10 per 100.

**MARIGOLD.** We can supply excellent grown plants of the garden favorite.

Double French Striped Mixed and Double African Selected Mixed. Pot plants 60 cts. per doz., \$4 per 100.

**MIGNONETTE.** Large-Flowering (Sweet-scented). A very free-blooming sort, deliciously sweet-scented. Selected plants 60 cts. per doz., \$4 per 100.

**PANSY.** S. & W. Co.'s Giant-Flowering Strain. Mixed colors. 60 cts. per doz., \$4 per 100.

**PETUNIAS.** A very valuable bedding and general garden plant.

Double Fringed Mixed. Selected plants 15 cts. each, \$1.50 per doz., \$10 per 100.

Single Fringed Mixed. Selected plants 15 cts. each, \$1.50 per doz., \$10 per 100.

## Dwarf Varieties for Bedding

**Rosy Morn.** Delicate carmine-pink. Selected plants 10 cts. each, \$1 per doz., \$8 per 100.

**Snow Storm.** A very beautiful white variety. Selected plants 10 cts. each, \$1 per doz., \$8 per 100.

**SALVIA.** Bonfire. This is one of the finest of the Scarlet Sages, growing in compact form about 2 feet high. Flowers very erect. Plants ready April 15. 10 cts. each, \$1 per doz., \$6 per 100.

**Zurich.** A very dwarf variety growing about one foot high. Plants ready April 15. 15 cts. each, \$1.50 per doz., \$10 per 100.

**STOCKS.** (Gilliflower.) We can supply plants of this very popular summer-flowering annual in an excellent assortment of colors, some of which we have enumerated below.

**Large-Flowering Ten Weeks.** Crimson, Purple, White and Mixed. Selected plants 10 cts. each, \$1 per doz., \$7 per 100.

**SWEET WILLIAM.** This variety which we offer is a very excellent sort and an exceptionally fine plant for the garden. Single Red, White, Pink and Maroon. Selected plants 10 cts. each, \$1 per doz., \$7 per 100.

**Double Mixed Colors.** Selected plants 10 cts. each, \$1 per doz., \$7 per 100.

**VERBENA.** Mammoth. Our collection of this popular bedding annual is of the finest strains, and for brilliancy of color effects, profusion and immensity of bloom we strongly recommend the plants grown from our strains. Selected plants out of 2½-inch pots.

**Mammoth.** Blue, Pink, Scarlet, White and Mixed. 75 cts. per doz., \$5 per 100.

**ZINNIA.** A splendid strain of this popular summer-flowering annual. Flowers large and very striking.

**Dwarf.** (18 inches.) White, Pink, Purple, Scarlet and Yellow.

**Tall.** (30 inches.) White, Pink, Purple, Scarlet and Yellow.

60 cts. per doz., \$4 per 100

# BEST EVERBLOOMING ROSES

Best English-grown, from the nurseries of George Prince, the famous English Rose specialist. Our roses are budded on the cultivated seedling, English Briar, and are exceptionally strong and worth ten times more than roses grown on marshy, wet soil, such as are generally offered at a low price. This class of Roses are continuous bloomers the entire summer, but are not entirely hardy in this section, and should be protected during the winter months with a covering of straw or any material handy. To obtain the best results, in addition to the covering of the tops, protect around the roots with 5 to 6 inches of well-rotted manure. This will give added strength to the plants, and additional bloom the following summer.

## TEN GRAND EVERBLOOMING ROSES

The following ten varieties have been selected with a view to giving the amateur Rose enthusiast an opportunity to get the best varieties that will give a goodly share of blooms throughout the summer and autumn months, as well as to meet the requirements of those wishing the best varieties to select from and being limited to the amount.

**Betty.** The flowers of this new Rose are of a fine form, double and deliciously fragrant; color rosy copper-yellow, with a golden shade.

**Caroline Testout.** Large, full, globular flowers of bright satiny rose, center a trifle brighter; a grand bedding Rose.

**Dean Hole.** A very much talked of variety, and one that has received many honors on the exhibition table. Color silvery carmine, with salmon shadings; entirely distinct and, up to date, the finest of its color. Its vigorous growth, fine form when in bud or fully expanded, combined with its free-blooming qualities, makes it a very desirable variety.

**Gruss an Teplitz.** A charming variety, of deep, rich scarlet, shading to velvety crimson. A variety that is extensively used for bedding purposes, where its magnificence of color and profuse blooming qualities continue to be a matter of much comment.

**J. B. Clark.** Deep scarlet, shaded blackish crimson, with a bloom like a plum; flowers very large and beautifully formed; an extra-fine variety.

**Kaiserin Augusta Victoria.** An excellent summer Rose; free bloomer; color pearly white, with a faint suggestion of primrose toward center, rendering it a very valuable variety.

**Killarney.** Flesh shaded white, suffused pale pink; the blooms are large, the buds very long and pointed; petals very large and of great substance; a lovely and distinct Rose of great merit.

**Richmond.** One of our best American introductions. It is one of the best and most brilliant dark blood-red Roses, and is also one of our best everbloomers for outside culture.

**Mme. Pernet Ducher.** Bright canary-yellow, changing to lemon-white as buds open. An excellent sort for cutting while in bud, both as to shape and delicious fragrance.

**Countess Folkestone.** Creamy white, shaded flesh-color; large, full and very free-flowering.

**Strong 2-year-old plants, 50c. each, \$5 per doz., \$35 per 100  
COLLECTION, ONE EACH TEN VARIETIES, \$4.50**

## GENERAL LIST OF BEST EVER-BLOOMING ROSES

**Captain Christy.** Delicate fleshy white, the center richer in color; very large and full; most useful early and late. 50 cts. each, \$5 per doz.

**Dr. J. Campbell Hall.** Coral-rose, suffused white; quite distinct. 60 cts. each, \$6 per doz., \$40 per 100.

**La France.** Beautiful bright pink Rose; large, full and fine form; free-blooming and one of the best; early and late; very highly perfumed. 40 cts. each, \$4 per doz., \$30 per 100.

**Maman Cochet.** Pink-carmine mingled with salmon-yellow; large and full; superb. 40 cts. each, \$4 per doz., \$30 per 100.

**Mrs. David McKee.** Flowers of fine form, large and of great substance; color a most beautiful creamy yellow. 75 cts. each, \$8 per doz., \$50 per 100.

**White Maman Cochet.** A sport from Maman Cochet, which it resembles in every particular except color, which is pure white occasionally tinged with blush. 40c. each, \$4 per doz., \$30 per 100.

**Alice Grahame.** Ivory-white; flowers very large. 75 cts. each, \$8 per doz., \$50 per 100.

**Gustave Regis.** Canary-yellow, very long-pointed buds; good in autumn. 60 cts. each, \$6 per doz., \$40 per 100.

**Lady Ashtown.** Rich pink; continuous bloomer; fine-shaped flowers; a beautiful Rose; grand in autumn. 50 cts. each, \$5 per doz., \$35 per 100.

**Mme. A. Chatenay.** Carmine-rose, shaded deep salmon; flowers fair size; very free. 40 cts. each, \$4.50 per doz., \$30 per 100.

**Marquis of Salisbury.** Bright velvety red; semi-double; very free; good bedding Rose. 50 cts. each, \$5 per doz., \$35 per 100.

**Mildred Grant.** Ivory-white with an occasional peach shading; enormous size and of wonderful lasting power in water; magnificent exhibition variety. 60 cts. each, \$6 per doz., \$40 per 100.

**Mrs. W. J. Grant.** Imperial pink; large flowers; well formed, with perfect high center; splendid. 50 cts. each, \$5 per doz., \$35 per 100.

**Papa Gontier.** Rosy crimson; beautiful pointed buds; very free. 50 cts. each, \$5 per doz., \$35 per 100.

**Pharisaer.** Rosy white, center deep salmon-rose; a fine, large flower. 50 cts. each, \$5 per doz., \$35 per 100.

**Souv. du President Carnot.** Rosy flesh, shaded ivory-white; good form and free. 60 cts. each, \$6 per doz., \$40 per 100.

**White Killarney.** A pure white sport of the popular Killarney Rose; identical with its parent in form and size, but in color it is a pure white. 50 cts. each, \$5 per doz., \$35 per 100.

## New Rose, The Lyon

This grand Rose has perhaps enjoyed as much of a sensational introduction as any Rose to date, and justly so. In habit vigorous; buds are long, tipped light red and chrome-yellow at base. Foliage rich reddish green; flowers expand large and full; the predominating color being a delightful salmon-pink, shaded chrome-yellow in the center, toning to shrimp-pink at the tips, making a beautiful contrast. A very profuse bloomer, fragrant and hardy. Strong two-year-old plants, 75 cts. each, \$7.50 per doz.



Gruss an Teplitz Roses

# TEN BEST HARDY GARDEN ROSES

These are specially grown for us by one of the leading rosarians of England, where Roses develop firm wood and fibrous roots. They are much better adapted to our severe and changeable climate than the soft wooded plants grown on the meadows of Holland, so generally sold here, and which so frequently cause disappointment.

Roses should be planted with the diverging roots at least 9 inches below the surface of the ground, the soil made firm about them and liberally watered.

Our collection comprises the most select sorts of all colors and of the finest form.

## HYBRID PERPETUALS

This class of Roses are perfectly hardy and bloom during June, with an occasional bloom in the autumn, and do not necessarily require protection in winter.

**Alfred Colomb.** Bright red, very large, full and globular; free-blooming and fragrant; a grand Rose.

**Frau Karl Druschki.** Snow-white; petals shell-shaped; very large, full, perfectly formed, opening well; a superb Rose.

**General Jacqueminot.** Brilliant crimson-scarlet, large and full; very fragrant. An excellent variety for all purposes.

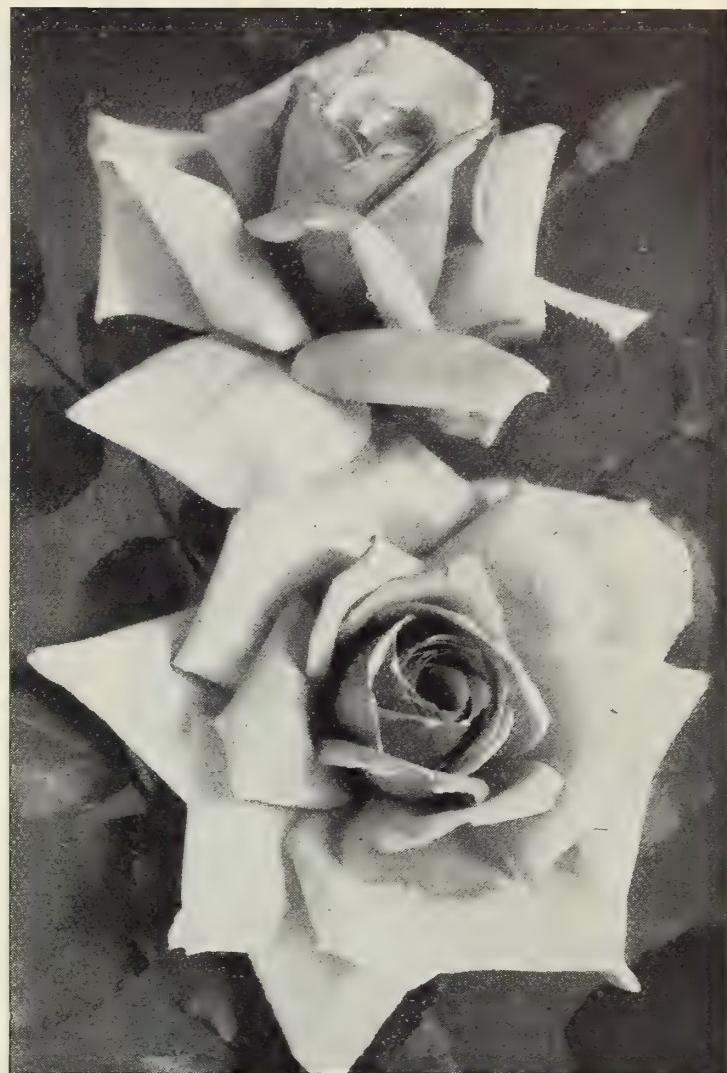
**Margaret Dickson.** White, pale flesh center, petals very large, shell-shaped, and of immense substance, magnificent form; growth very vigorous. A very fine variety.

**Magna Charta.** Bright rose, very large and full; fine, early in the season.

**Mrs. John Laing.** Soft pink, very large and fine form; a good grower and abundant bloomer. A variety of special merit.

**Mme. Gabriel Luizet.** Light silvery pink; very free bloomer. A grand flower and quite distinct; best in early season.

**Paul Neyron.** Deep rose, flowers of enormous size, with fine foliage and growth.



Soleil d'Or Rose

**Soleil d'Or, or Golden Sun.** A cross between Persian Yellow and a hybrid perpetual; color varying from orange yellow to reddish gold, shaded with nasturtium-red; conical-shaped buds opening to large, full, flat-shaped flowers; perfectly hardy and free blooming.

**Ulrich Brunner.** Cherry-crimson, of large size, fine form. A good garden or exhibition Rose.

**Price, 50 cts. each, \$5 per doz., \$35 per 100. Collection, one each, ten varieties, \$4.50**

## SEVERAL SELECT FAVORITES

**Beauty of Waltham.** Rosy crimson, large, fine form; good grower. 50 cts. each, \$5 per doz.

**Captain Hayward.** Scarlet-crimson, long-pointed buds; good. 40 cts. each, \$4.50 per doz.

**Duke of Edinburgh.** Bright velvety crimson; large, full and free. 40 cts. each, \$4.50 per doz.

**Heinrich Schultheis.** Delicate pink, very sweetly scented; large. 50 cts. each, \$5 per doz.

**Jeannie Dickson.** Rosy pink, silvery edges, good form and very free. 50 cts. each, \$5 per doz.

**Mrs. Sanford.** A sport from Mrs. John Laing. Of the same habit and growth, but pale blush-pink shading to white. 50 cts. each, \$5 per doz.

**Mrs. S. Crawford.** Deep rosy pink, shaded pale flesh; very free; good form. 50 cts. each, \$5 per doz.

## MOSS ROSES

**Blanche Moreau.** Pure white; perfect form; well mossed; the finest White Moss Rose. 50 cts. each, \$5 per doz.

**Cristata.** Rose-pink.

**Alfred de Dalmais.** Rosy white (perpetual).

**Old Moss.** Pink.

**Salet.** Clear rose (perpetual).

**White Bath.** Paper-white.



Frau Karl Druschki Rose

# Hardy Climbing Roses

## Crimson Rambler

Magnificent pyramidal clusters of rich crimson roses. Grows 10 to 20 feet in a year. Flowers are produced in trusses, pyramidal in shape, good specimens, measuring 9 inches from base to tip and 7 inches across, fairly covering the plant from the ground to the top. Color superb, and remains strong and vivid to the end. Profusion of bloom is marvelous. Medium size plants, 35 cts. each, \$3.50 per doz.; large, strong plants, 50 cts. each, \$5 per doz.; xx large, strong plants, 75 cts. each, \$8 per doz.

## Wedding Bells

The flowers of this variety are double. A seedling from Crimson Rambler and a valuable acquisition. Color white, upper half of petals soft pink; general color effect a dainty china pink. The profusion of bloom is remarkable. Large, graceful clusters hanging so as to cover the plant. Vigorous grower, glossy green foliage, hardy and delightfully fragrant. Medium size plants, 50 cts. each, \$5 per doz.; large size plants, 75 cts. each, \$8 per doz.; xx large size plants, \$1 each, \$10 per doz.

## Dorothy Perkins

The handsomest of all the cluster Climbing Roses; flowers rose-pink, clusters very large and abundant. Medium size plants, 35 cts. each, \$3.50 per doz.; large size plants, 50 cts. each, \$5 per doz., xx large size plants, 75 cts. each, \$8 per doz.

## The New Hardy, Pink Rambler Rose, Lady Gay

This new variety, a seedling from Crimson Rambler, is destined to become one of the most popular of garden Climbing Roses, for which purpose it is especially adapted on account of its delicately-tinted flowers, which are of a delicate cherry-pink, which gradually changes to a soft white. The plant is a strong, vigorous grower, with profuse, glossy, deep golden foliage, and the effect of a plant in full bloom, with the combination of the soft white flowers, the cherry-pink buds and the deep green foliage, is charming. Medium size plants, 35 cts. each, \$3.50 per doz.; large size plants, 50 cts. each, \$5 per doz.; xx large size plants, 75 cts., \$8 per doz.

## BEDDING ROSES

**Hermosa.** Bright rose. 35 cts. each, \$3.50 per doz.

**Baby Rambler.** The best bedding Rose; a continuous and free bloomer; very hardy and should be grown in every garden. Small plants, 25 cts. each, \$2.50 per doz.; large, 2-year-old plants, 50 cts. each, \$5 per doz.

## TEA-SCENTED ROSES

The Teas are beyond doubt the most lovely of all Roses. The delicate shades of color varying from the deep velvety red to the indescribable nuances of metallic brick and coppery yellow, render them the élite of the Rose family. The perfume of the Teas is absolutely distinct, while the whole series emit a distinct and fragrant odor of tea, from which they derive their name. They are the most free-flowering of all classes, and some of them worth growing even for their foliage alone, the young growths of bronzy red being very charming. Our stock is exceptionally fine, and we can assure our customers of every satisfaction.

**Etoile de Lyon.** Bright sulphur-yellow; fine form; extra good in dry weather.

**Francisca Kruger.** Coppery yellow, shaded peach; very free and hardy.

**Hon. E. Gifford.** White, center flesh; large and full; a splendid all-round variety.

**Jean Ducher.** Salmon-yellow, shaded peach; large and full; excellent variety.

**Madame Hoste.** Pale lemon-yellow; large and perfect form; very free and good in every way.

**Madame Lambard.** Bright salmon-rose, variable in color; very hardy and free-flowering.

**Marie Van Houtte.** Lemon-yellow, petals edged with carmine; a most beautiful variety, and a very free bloomer.

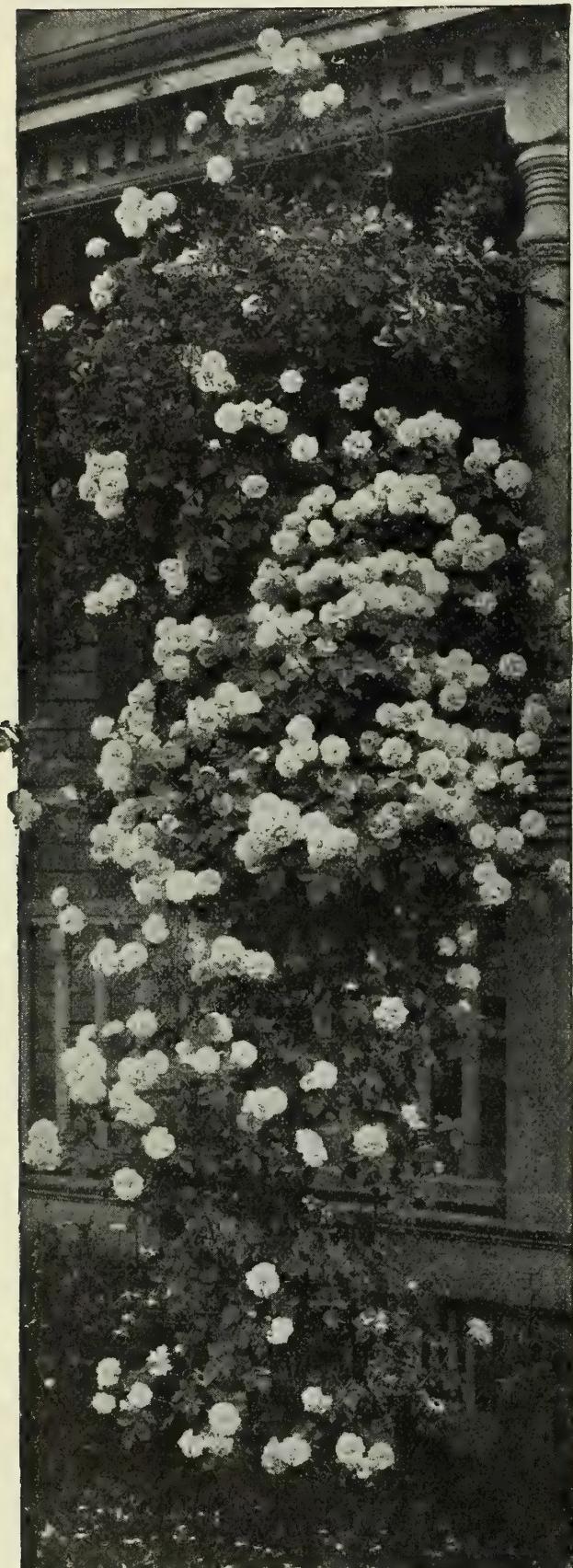
**Souv. de Pierre Notting.** Apricot-yellow, with golden center, sometimes flushed pink and orange-yellow; among the finest of yellow Roses.

All varieties listed above: 60 cts. each, \$5 per doz.

## HEDGE PLANTS

**California Privet.** One of the most satisfactory plants for hedges known at the present time. Glossy green foliage, easily kept in shape, and of fine symmetrical shape naturally.  
 18 to 24 inches high, 2-year old ..... \$3 50      1,000  
 24 to 28 inches high, 2-year old ..... 5 00      45 00  
 28 to 36 inches high, 3-year old ..... 7 00      65 00  
 36 to 40 inches high, 4-year old ..... 9 00      80 00  
 All our Privet is extra-fine and bushy, and is extra-well rooted.  
 Special prices on large lots.

**Berberis Thunbergii.** From Japan. A pretty species of dwarf habit; small foliage, changing to a beautiful coppery red in autumn. Showy orange-yellow flowers in May, and succeeded by bright red fruit; very hardy, and the best slow-growing hedge plant. Also valuable to grow as a shrub.  
 3-year-old plants, 12 to 15 inches high ..... \$6 50  
 4-year-old plants, 15 to 18 inches high ..... 9 00  
 5-year-old plants, 18 to 24 inches high ..... 15 00  
 Prices furnished on larger sizes and larger quantities, on application.



Dorothy Perkins Roses

# HARDY CLIMBING PLANTS

## Ampelopsis Veitchii Sometimes Called Boston Ivy and Japan Ivy

This is the most deservedly popular of all climbing plants, being entirely hardy in the most exposed places and attaining a height of 30 feet in two or three years; clings to stones, brick or woodwork with the greatest tenacity. During the summer the leaves are a rich shade of green and lap over each other with great regularity, like a coat of mail or like slates on a roof. But it is in the fall that it shows its exquisite beauty. The leaves then change to the brightest tints of scarlet, crimson and orange, so dazzling as to be seen at a great distance. First-size plants, 25 cts. each, \$2.50 per doz.; extra size plants, 35 cts. each, \$3.50 per doz.; pot-grown plants, extra strong, 75 cts. each, \$8 per doz.

## Akebia Quinata

Singular Japanese climbing shrub, with fine foliage, purple flowers and ornamental fruit. 50 cts. each, \$5 per doz.

## Aristolochia Siphon (Dutchman's Pipe)

A native species, of climbing habit and rapid growth, with magnificent light green foliage 10 to 12 inches in diameter, and curious pipe-shaped, yellowish brown flowers. 50 cts. each, \$5 per doz.

## Bignonia (Trumpet Creeper)

For covering unsightly places, stumps, rockwork or planting in crevices in ledges, the Bignonias will be found very useful! The flowers are large, attractive and showy, and borne profusely when the plant attains a fair size. 50 cts. each, \$5 per doz.

## CLEMATIS

The Clematis we offer this season are exceptionally fine, strong 2-year-old plants. We have reduced the number of varieties to such sorts as, from experience, we know to succeed best in our climate. Many failures in the growing of Clematis are the result of too shallow planting; the crown of the roots should be set at least 3 inches below the surface of the soil.

### Small-Flowering Variety

**Paniculata** (*Japanese Virgin's Bower*). This handsome hardy climber is one of the choicest and most satisfactory climbing flowering plants we know. The plant is of strong, rapid growth, with small, dense, cheerful green foliage, giving it a grace and elegance possessed by no other hardy climber. The flowers appear in the greatest profusion during August, and continue until late in the fall, are of a white color and most deliciously fragrant. The plant succeeds in almost any position; not only is it well adapted to run up all kinds of supports, but is just as useful for planting among rockwork, sloping banks, covering graves, or, in fact, any position where a graceful vine is desired. Strong two-year-old plants, 25 cts. each, \$2.50 per doz.; strong one-year-old plants, 15 cts. each, \$1.50 per doz.

### Large-Flowering Varieties

**Jackmanni.** The best-known and most valued variety of this popular family. A perfect mass of bloom when in full flower. Color, dark, rich, royal purple, 50 cts. each.

**Duchess of Edinburgh.** This variety is perfectly double, like a rosette. It is sweetly fragrant, and equally hardy and vigorous with the others. 50 cts. each.

**Bangholm Belle.** Large; very fine pure white. 40 cts. each.

**Fairy Queen.** White, with light lilac bars. 50 cts. each.

**Gipsy Queen.** Rich, dark purple. 40 cts. each.

**Henryi.** Pure white; large and remarkably handsome. 40 cts. each.

**Madame Baron Veillard.** Light lilac; a peculiar but fascinating and distinct shade. 50 cts. each.

**Sieboldii.** Lavender-blue; large, strong, vigorous grower. 40c. ea.

**M. Koster.** A very free-flowering variety; bright rosy carmine.

\$1 each, \$10 per doz.

**Collection.** 1 plant each of above 9 varieties, for \$4, delivered free anywhere in the United States

### Japanese Kudzu Vines

These roots are imported from Japan, and will, if planted early, grow 20 to 30 feet the first season. Very hardy and a first-class vine for general use. Small size, 35 cts. each, \$3.50 per doz.; large size, 50 cts. each, \$5 per doz.



Clematis Jackmanni

## HONEYSUCKLE

**Aureo-reticulata** (Golden Variegated Honeysuckle). Foliage handsomely variegated with gold and green during summer, and adding a charming tint of pink during the Winter months. 35 cts. each, \$3.50 per doz.

**Halleana** (Hall's Japan Honeysuckle). A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December; holds its leaves nearly all winter. 35c. ea., \$3.50 per doz.; small 1-year-old plants, 20c. ea., \$2 per doz.

**Scarlet Trumpet Honeysuckle.** This and its varieties are the handsomest in cultivation. It is a strong, rapid grower, and produces scarlet inodorous flowers. 50 cts. each, \$5 per doz.

## Matrimony Vine

A vigorous, hardy climbing plant. It covers a great amount of space in a short time, and every new growth is at once covered with bright purple flowers, which are succeeded by brilliant scarlet berries nearly an inch long. 35 cts. each, \$3.50 per doz.

## WISTARIA

**W. sinensis** (Chinese Wistaria). A most beautiful climber of rapid growth. When well established it makes a growth of 15 to 20 feet in a season. Flowers pale blue. 35 cts. each, \$3.50 per doz.

**W. White.** 35 cts. each, \$3.50 per doz.

Extra-strong plants, that were originally out of 8-inch pots, and then planted in the Nursery for 3 years, either in white or purple, and will flower the first season. \$2.50 each, \$24 per doz.

# HARDY HERBACEOUS PLANTS

**ACHILLEA, The Pearl.** Pure white flowers in profusion. 18 to 24 in. All summer. 15 cts. each, \$1.50 per doz.

**ACONITUM autumnale.** Deep purplish blue flowers in September. 20c. each, \$2 per doz.

**Napellus.** Flowers blue; very fine. 18 to 24 in. September and October. 15 cts. each, \$1.50 per doz.

**Wilsoni.** Novelty recently introduced from China. The graceful flower spikes attain a height of about 6 feet, and produce many fine pale blue or violet flowers. It blooms from the beginning of September until the end of October. 25c. each, \$2.50 per doz.

**ADONIS vernalis.** Flowers bright yellow, 2 to 3 inches across 12 in. Early spring. 10 cts. each, \$1 per doz.

**ALYSSUM saxatile fl. pl.** Although this plant is new, it is not very common. In early spring it blooms with large quantities of double bright yellow flowers. 25c. each, \$2.50 per doz.

**rostratum.** Dwarf; yellow; floriferous. 15 cts. each, \$1.50 per doz.

**ANCHUSA incarnata.** Flesh-pink; very fine. 2 to 3 ft. July and August. 15 cts. each, \$1.50 per doz.

**ANEMONE, Honorine Joubert.** Pure white, large flowers. 18 to 24 in. July to October. 15c. each, \$1.50 per doz.

**Queen Charlotte.** Semi-double, light pink. 18 to 24 in. July to October. 20 cts. each, \$2 per doz.

**Whirlwind.** Semi-double, pure white. 2 to 3 ft. July to October. 15 cts. each, \$1.50 per doz.

**Japonica Purpurea.** Novelty of recent introduction, with large, semi-double, deep purplish rose-colored flowers. One of the very best. 20 cts. each, \$2 per doz.

**Prinz Heinrich.** New German variety, of dwarf, compact habit, with very large, semi-double dark red flowers; the darkest double Anemone ..... \$0 20 \$2 00

**ANTHEMIS Kelwayi.** Flowers golden yellow, of dense, bushy habit. 12 to 18 in. July to November ..... 20 2 00

**AQUILEGIA alpina, Blue.** One of the very best. 12 to 18 in. All summer ..... 20 2 00

**Skinneri.** Flowers scarlet, with greenish tip. A very distinct variety. 12 to 18 in. All summer ..... 20 2 00

**Californica.** Large yellow flowers, dark orange spurs. 12 to 18 in. All summer ..... 15 1 50

**ASCLEPIAS tuberosa.** Spikes of bright orange flowers; very showy. 2 ft. July to September ..... 15 1 50



Anemone, Whirlwind

## ASTERS

**ASTER hybridus, Flossy.** Novelty, with pure white feathery flowers of moderate growth and very free-flowering. Extra for cutting ..... 15 1 50

**hybridus, Weisse Zwerg Konigin** (White Dwarf Queen). One of the finest white-flowering autumn Aster, growing about 2 feet high. Very free-flowering and invaluable for pot-culture ..... 15 1 50

**Novi-Belgii, Perry's Pink.** This new variety grows about 3½ feet high, erect, having large branching heads, covered with medium-sized flowers of a clear, reddish pink ..... 15 1 50

**Novi-Belgii, Regina.** New variety recently introduced; medium habit, with large clear rose-violet flowers, with yellow center. Remarkable for its freedom of bloom. 15 1 50

**Novi-Belgii semi-plenus.** One of the finest late-flowering Aster; beautiful semi-double dark blue flowers. 15 1 50

**Novi-Belgii, Wulf.** Strong-growing dark lavender-blue Aster, of medium size, forming dense pyramids. Invaluable for decorating and cutting ..... 15 1 50

**Novi-Belgii, Mrs. Davies Evans.** Beautiful variety with dense clusters of azure-blue flowers ..... 15 1 50

**Aster Novi-Belgii Lorenz.** Early-flowering new variety of this section. It produces a great many well-formed purplish blue flowers on loose branching spikes. 15c. each, \$1.50 per doz.

**Novi-Belgii, Edna Mercia.** This new Aster grows some 4 feet high. The flowers are of good size, and a decided bright red. 15c. each, \$1.50 per doz.

**Melpomene.** 15c. each, \$1.50 per doz.

**Wm. Bowman.** 15 cts. each, \$1.50 per doz.

**roseus.** 15 cts. each, \$1.50 per doz.

**ASTILBE Davidi.** This new Spirea, of recent introduction from China, has elegant tufted and graceful flower spikes of reddish purple color that grow on stems about 6 feet high. 20 cts. each, \$2 per doz.

**BELLIS perennis** (Double Daisy)—

**Maxima, Red.** 4 in. Spring. 10 cts. each, \$1 per doz.

**Maxima, White.** 4 in. Spring. 10 cts. each, \$1 per doz.

**Maxima, Longfellow.** 4 in. Pink. Spring. 10 cts. each, \$1 per doz.

**BOLTONIA latisquama.** Pink, slightly tinted with lavender. 4 to 6 feet. 15 cts. each, \$1.50 per doz.

**CAMPANULA Backhousei.** An exceedingly large, handsome white variety. 20 cts. each, \$2 per doz.

**persicifolia.** Large-flowering blue; very fine. 18 to 24 in. July and September. 15 cts. each, \$1.50 per doz.

**persicifolia Moerheimi.** Beautiful double pure white, very large flowers. This variety is very compact and vigorous. 18 to 24 in. June and July. 20 cts. each, \$2 per doz.

**CARNATION, Non Plus Ultra.** BORDER pinks; extra-fine mixture. 10 in. Summer. 10 cts. each, \$1 per doz.

**COREOPSIS lanceolata.** One of the best perennials. Each Doz. in cultivation, with large lemon-yellow flowers on long stems. 2 to 3 feet. All summer ..... \$0 15 \$1 50

**grandiflora.** A free-flowering, desirable species, with rich golden yellow flowers. 18 in. All summer ..... 15 1 50

## CHRYSANTHEMUMS

**CHRYSANTHEMUM maximum Robinsoni.** A very handsome variety, with beautifully fringed flowers. One of the best. 2 feet. All summer ..... \$0 25 \$2 50

**maximum.** White; fine for cutting. 2 ft. All summer. 25 2 00

**maximum, Triumph.** Very large, single white flowers. 2 feet. All summer ..... 20 2 00

### Hardy Chrysanthemums

#### POMPON, or BUTTON VARIETIES

**Eleganta.** Deep rose. **Nellie Bly.** Blush-pink. **Little Pet.** Rich violet-red. **Rhoda.** Pink, shaded white. **Lyndhurst.** Scarlet-bronze. **Sunshine.** Golden yellow. **10 cts. each, \$1 per doz., \$7 per 100**

#### SINGLE VARIETIES

**Aaron.** Bronze-scarlet. **Rosy Morn.** Silver-pink. **Northumberland.** Bright scarlet. **Sir Walter Raleigh.** Light bronze. **Princesse de Thule.** Red-orange. **Vallis.** Pure yellow. **10 cts. each, \$1 per doz., \$7 per 100**

#### LARGE-FLOWERING VARIETIES

**Findon.** Violet-rose. **Julia Legravere.** Crimson-maroon. **Miss Julia.** Orange-red. **King Philip.** Rich rose-pink. **Mrs. Porter.** Bright bronze. **St. Elmo.** Splendid white. **Mrs. Snyder.** Pure golden yellow. **10 cts. each, \$1 per doz., \$7 per 100**

HARDY HERBACEOUS PLANTS, continued

<b>DELPHINIUM formosum.</b>	Dark blue. 2 to 3 feet. Each	Doz.	
Summer.....	.....	\$0 20	\$2 00
<b>formosum coelestinum.</b>	Sky-blue; very handsome. 2 to 3 feet. Summer.....	25	2 50
<b>hybridum, Albion.</b>	This new variety attains a height of 4 to 5 feet, is a free-grower and produces a well- formed spike; when fully expanded, the semi-double flowers are nearly pure white, with white eye; perfect in form and of great beauty.....	50	5 00
<b>DIELYTRA spectabilis</b> (Bleeding Heart), <b>Rose.</b>	15 in. Summer.....	20	2 00
<b>spectabilis, White.</b> 15 in. Summer.....	25	2 50	
<b>DIGITALIS gloxiniaeflora</b> (Foxglove).	Pure white to deep pink. 3 to 4 feet. June and July.....	15	1 50
<b>ECHINOPS Ritro</b> (Globe Thistle).	Flowers deep metal- lic blue. 3 feet.....	20	2 00
<b>EULALIA.</b>	The Grasses are fine for making beds and groups for tropical effect. Long, graceful foliage and large pampas-like plumes in fall.		
<b>Japonica variegata.</b>	Large plumes, variegated foli- age. 5 to 6 feet.....	20	2 00
<b>Zebra.</b>	One of the most beautiful of all Ornamental Grasses; foliage marked crosswise with bands of creamy white; very attractive. 5 to 7 feet.....	25	2 50
<b>EUPHORBIA corollata.</b>	A most showy and useful native plant, growing about 18 inches high, and bear- ing, from June to August umbels of pure white flowers, with a small green eye; desirable for cutting.....	10	1 00
<b>FUNKIA variegata.</b>	Foliage green and white; fine for border. 10 to 12 in. Summer.....	10	75
<b>GAILLARDIA grandiflora.</b>	One of the most effective and showiest hardy flowering plants, with gorgeous flowers of bright yellow and orange, with deep crimson center. 18 inches. All summer.....	15	1 50
<b>GYPSOPHILA paniculata.</b>	An elegant light and grace- ful perennial, forming a mass of thread-like stems, with an abundance of small, white flowers. 2 to 3 feet. July and August.....	15	1 50
<b>paniculata fl. pl.</b>	This beautiful plant, which we con- sider to be the very best novelty that has been raised in the last few years, grows about 3½ feet high and its pure white flowers are perfectly double. They are produced in large quantities, and the plant is at least as graceful as the ordinary variety, so that this novelty is of great value for decoration and cutting purposes. It is per- fectly hardy.....	25	2 50
<b>HARDY SUNFLOWERS, Rigidus.</b>	Rigidus. One of the most desirable of our native varieties, beginning to bloom early in July and continuing until fall; flowers golden yellow, with dark centers. 3 feet. 15 cts. each, \$1.50 per doz.		
<b>Miss Mellish.</b>	Flowers in Septem- ber and October. Grows about 6 feet high, with large single golden yellow flowers. 15 cts. each, \$1.50 per doz.		
<b>Meteor.</b>	Large double orange-yel- low flowers, with bold yellow guard petals. 5 feet. August and Septem- ber. 15 cts. each, \$1.50 per doz		
<b>Soleil d'Or.</b>	Deep golden yellow, quilled petals, not unlike a dahlia. 4 feet. August and September. 15 cts. each, \$1.50 per doz.		
<b>HELENIUM pumilum magnificum.</b>	A fine cross between <i>H. pumilum</i> and <i>H. autumnale superbum</i> . It grows 2½ feet high, and produces a great number of large yellow flow- ers from June till autumn. 15 cts. each, \$1.50 per doz.		
<b>grandiflorum striatum.</b>	15 cts. each, \$1.50 per doz.		
<b>Hoopesi.</b>	Orange. 10 cts. each, \$1 per doz.		
<b>HELIOPSIS Pitcheriana.</b>	10 cts. each, \$1 per doz.		
<b>HEUCHERA sanguinea.</b>	Bright crimson lily-of-the-valley-shaped flowers. 1 to 2 feet. All summer. 15 cts. each, \$1.50 per doz.		

<b>HEMEROCALLIS.</b>	Fine, tall-growing plants, with sweet-scented lily-like flowers.	Each Doz.
<b>aurantiaca major.</b>	Sweet-scented, trumpet-shaped, deep orange color. 3 feet. July and August.....	\$0 25 \$2 50
<b>Kwanso.</b>	Double. A very free-flowering, double copper-color. 4 feet. Summer.....	15 1 50
<b>Middendorfii.</b>	Deep golden yellow. 2 to 3 feet. June and July.....	15 1 50
<b>HOLLYHOCK.</b>	Finest double white, rose, pink, pur- ple, crimson and yellow. 4 to 6 ft. Summer.....	25 2 50
<b>Allegheny.</b>	Mixed colors, single and double. 4 to 6 ft. Summer.....	20 2 00
<b>Single Mixed.</b>	4 to 6 ft. Summer.....	20 2 00
<b>IBERIS Gibraltarica.</b>	Large flowers, violet shading to white; very fine. 6 to 8 in. May and June.....	15 1 50
<b>semperflorens superba</b> (Evergreen Candytuft).	In- numerable flat heads of pure white flowers during April and May.....	15 1 50
<b>INCARVILLEA Delavayi.</b>	Quite hardy, with numer- ous good-sized gloxinia-shaped flowers. 3 ft. June..	25 2 50
<b>grandiflora.</b>	More vigorous grower than <i>I. Delavayi</i> , with flowers of double its size and of a brighter and warmer color. Effective rare plant. Extra-strong plants that have flowered.....	50 5 00

**IRIS, GERMAN** (*Iris Germanica*)

The German Iris is one of the most desirable early spring-flowering plants. The flowers are of large size and exquisite colors. It delights in low, wet ground, and does equally well in the border. No garden is complete without a collection of these beautiful flowers.

**Agnes.** White, edged pale lilac.

**Asiatica.** Standards rich blue; falls violet-purple.

**Aurea.** Canary Bird. Golden yellow.

**Darius.** Standards light yellow; falls purple, veined yellow and white.

**Empress Victoria.** Standards pale blue; falls purple.

**Gloire de Hillegom.** Beautiful porcelain-blue.

**Innocenza.** Large; pure white.

**Macrantha.** Blue and violet; large flower.

**Mad. Chereau.** Standards white, with sky-blue feathered edges;  
falls white, slightly frilled blue.

**Maori King.** Standards deep golden yellow; falls blackish chest-  
nut bordered gold; one of the very best varieties.

**Mrs. Horace Darwin.** White, slightly veined violet at base.

**Queen of May.** Beautiful rosy lilac.

**Named varieties, 15 cts. each, \$1.50 per doz., \$8 per 100;**  
**Mixed 10 cts. each, \$1 per doz., \$5 per 100**

**IRIS SUSIANA.** The groundwork  
of the flowers is silvery gray, so  
mottled and veined and lined with  
dark chocolate and black as to leave  
one under the impression that it is  
only a silver lining showing through.  
15 cts. each, \$1.50 per doz.

**New Large-flowering**  
**Japan Iris**

(*Iris Kaempferi grandiflora*)

The magnificence of these new Irises surpasses description. The flowers are of enormous size, averaging from 6 to 8 inches across, and of indescribable and charming hues and colors, varying like watered silk in the sunlight, the prevailing colors being white, crimson, rose, lilac, lavender, violet and blue, each flower usually representing several shades, while a golden yellow blotch surrounded by a halo of blue or violet at the base of the petals intensifies the wealth of coloring. The Japan Iris is perfectly hardy, and flowers in greatest profusion in June and July, and attains greatest perfection if grown in moist soil, or if plentifully supplied with water while growing and flowering.

The following varieties have been selected from a large collection, grown by a famous Japanese horticulturist,



German Iris

HARDY HERBACEOUS PLANTS, continued

New Large-flowering Japan Iris, continued

and recognized as the finest assortment of Japanese Iris known. The different varieties having Japanese names, we have deemed it advisable to distinguish the various sorts by numbers, as follows:

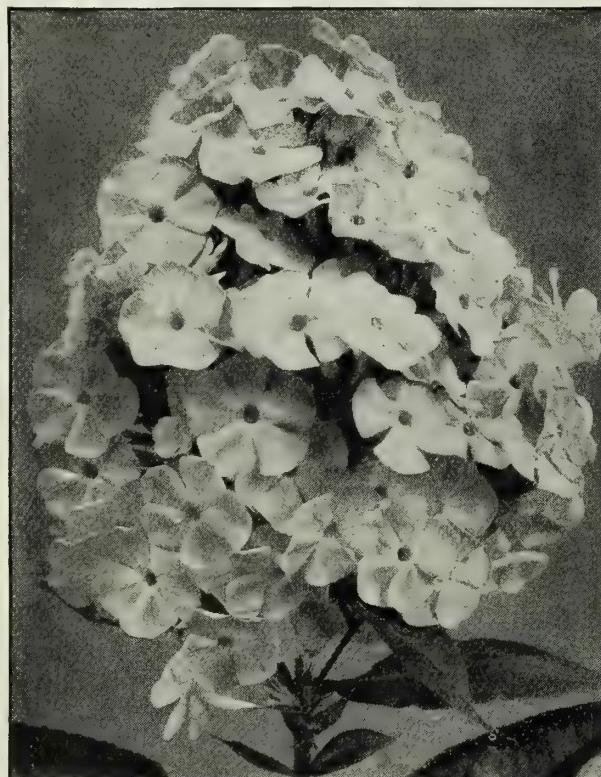
1. White, yellow center, veined.
2. Dark purple edge, running to a blue and yellow center, under part of flower lavender.
3. Very light blue, white-veined, yellow center, inner petals of flower tinged with dark blue.
4. Maroon, yellow center, inner petals white, with a purple top.
5. Yellow center, dark blue, shading into light blue and white, rather streaked, inner petals purple-tipped.
6. White, dark purple veins, yellow center, dark purple, shading to white inner petals.
7. Dark red, black and white veins, yellow center, white and purple inner petals.
8. White, well spotted dark pink, shading into pink at edges, yellow center, with a little purple border.
9. Dark purple, bright yellow center, dark blue inner petals.
10. Yellow center, blue, black veins, inner petals red, with red veins and blue spotted with white.
11. Yellow center, dark purple, varying to a lighter shade toward the edges, well veined inner petals.
12. Yellow center, shading into light purple, then a light red, then a darker red, well spotted with a very dark red.
13. Very dark blue, yellow center, purple inner petals.
14. Yellow center, white and blue stripes, shading into a light violet, darker toward the edges, with a much heavier shade of violet directly on the edge, inner petals white tipped with dark violet.
15. Yellow center with rather a dark purple, shading into a light red, and a dark red near the edges, well-veined, inner petals white, with purple edges.
16. Yellow center, white flowers with a very dark purple edge or border.
17. Yellow center, very dark red flower, heavily veined, inner petals white and dark purple.
18. Yellow center, blue flower shading into a dark purple near the edge and border, white veining, inner petals very dark purple.
19. Yellow center, light and dark blue, spotted with very dark blue, inner petals white and dark purple.
20. Yellow center, dark purple, shading into light purple and darker purple again at the edges, well-veined, inner petals of a light purple.
21. Orange center, rather a gray white, shading into pure white at the edges, white veins.
22. Yellow center, very dark red, shading into a lighter red with rather a white and pink tipping, white spots appear occasionally on this flower; inner petals of light and dark purple.
23. Yellow center, entire flower is of dark purple, except the middle of each petal, which is rather a light blue, shading into a dark purple.
24. Orange center, red, with a little darker shade on the edge, well-veined, center petals white, purple border and a light red.

**Price of any of the above named varieties: 25 cts. each, \$2.50 per doz.; or a complete collection, one each of the above 24 varieties, \$4.50. Large undivided roots.**

**LINUM perenne** (Flax). A desirable plant either for the border or rockery, growing about 18 inches high, with light, graceful foliage and large flowers, which are produced through the entire summer.....\$0 15 \$1 50

**LUPINUS arborea** (Yellow Tree Lupin).....10 1 00

**Polyphyllus Moerheimi.** This is one of the finest novelties we ever had the pleasure of introducing. It flowers very long, with fine, long spikes of pink and white-colored flowers, and is therefore a grand acquisition for cutting purposes, as well as for the border.....50 5 00



George A. Strohlein Phlox

## Selected Hardy Phlox

The hardy Phloxes are, without doubt, the most important of all hardy perennials, and are now to be found in nearly every garden. They succeed in almost any kind of soil or position, and flower from early summer until late in the fall. They also improve from year to year and contain a range of brilliant colors not found in any other hardy plant. We have a very fine collection of them.

**CULTURE.**—Hardy Phlox may be planted in spring or fall; a mulch of old manure thrown around the roots will be of benefit to the plants. Phlox should be set out 18 inches apart, and if kept well watered will produce both individual blossoms and heads of bloom far larger than otherwise, and amply repay the extra trouble. To procure best effects, plants should be massed in from six to twelve clumps of each variety.

### Eight Hardy Phloxes of Special Merit

**COUNTESS OF LASSBURG.** The best pure white.

**ETNA.** Deep blood-red; large and very effective.

**ELIZABETH CAMPBELL.** Very large spikes with flowers of a quite new color. Light salmon changing to pink in the center.

**GENERAL VAN HEUTSZ.** This novelty produces immense trusses of enormous flowers, which are of the most brilliant salmon-red color with white center.

**GEORGE A. STROHLEIN.** Bright scarlet with crimson-red eye; a large flower; color does not bleach in the sun.

**IRIS.** Deep violet, blue center; fine and distinct.

**SELMA.** It has a strong habit, and produces large trusses of very large pink flowers with cherry-red eye.

**WOLFGANG VON GOETHE.** Deep rose, white eye; an excellent variety.

**25 cents each, \$2.50 per dozen, \$18 per 100**

### General Collection of Hardy Phlox

For the convenience of our customers we have listed our Phlox under color schemes.

#### White Varieties

**Hermine.** The dwarfest variety in our collection, never exceeding 10 inches in height; pure white flowers of good size; early; unequalled for bordering; a perfect little gem.

**Independence.** A large, pure white variety. Should be in every collection.

**White Swan.** Large pure white.

#### Scarlet and Red Varieties

**Coquelicot.** A fine pure scarlet with crimson-red eye.

**Mme. P. Langier.** Bright red, vermillion center.

**Ferdinand Cortez.** Deep red, dark center.

**Vesuvius.** Pure red, with bright purple eye; a dazzling color.

#### Rose and Pink Varieties

**Alceste.** Bright pink, deep red center.

**Caran d'Ache.** Rosy carmine, with old rose shadings and white eye.

**Charles Darwin.** Salmon-pink, crimson center.

**Gen. Chanzy.** Bright and lovely pink, slightly tinted purple.

**Hector.** A very fine and pleasing pink.

**Pantheon.** Bright carmine-rose; a very large, free and beautiful variety and one that should be grown by all.

**Sunshine.** Aniline-red with crimson eye and light halo.

#### Crimson and Purple Varieties

**Amphitryon.** Large deep purple, streaked with white.

**Eclaireur.** Brilliant rosy magenta with large lighter halo.

**Epopee.** Violet, bright fiery center.

**Louis Blam.** Reddish violet with purple shadings and darker eye.

A distinct dark-colored variety.

**Jules Jouy.** Lilac-rose with white center.

# STUMPP & WALTER CO.'S STERLING PLANTS

## HARDY HERBACEOUS PLANTS, continued

### **Light Hardy Phlox, Dark-eyed Varieties**

**J. H. Slocum.** Rose-pink with crimson eye.  
**Premiere Ministre.** Rosy white, deep rose center.  
**Richard Wallace.** White, violet center.  
**William Ramsey.** Purplish magenta, darker center.  
**Strong, field-grown plants, 15 cts. each, \$1.50 per doz.**

### **Early-flowering Hardy Phlox (*Phlox suffruticosa*)**

**Miss Lingard.** A grand white variety, which begins flowering after the middle of June and continues throughout the season. Extensively used for cut-flowers. 20c. each, \$2 per doz., \$12 per 100.

### **Phlox subulata (Moss, or Mountain Pink)**

An early spring-flowering type, with pretty moss-like evergreen foliage, which, during the flowering season, is hidden under the masses of bloom. An excellent plant for the rockery, the border, and invaluable for carpeting the ground or covering graves.

**Alba.** Pure white.  
**Atropurpurea.** Purplish rose.  
**Bridesmaid.** Purplish, tinted white.

**Lilacina.** Light lilac.  
**Nelsoni.** Pure white.  
**Rosea.** Bright rose.

**15 cts. each, \$1.50 per doz., \$10 per 100**

**LYCHNIS Chalcedonica.** Brilliant scarlet flowers. Each Doz.

2 to 3 feet. All summer..... \$0 15 \$1 50

**vespertina alba plena.** This very free-flowering double white Lychnis is one of the best and most effective border plants. Also useful for cutting, but still very rare. Flowers during the whole summer..... 15 1 50

**viscaria fl. pl.** (Ragged Robin). Deep red, double flowers; May to July. 1½ feet..... 15 1 50

**Haageana Hybrids.** White to pink and deep red; May to July. 1½ feet..... 15 1 50

**MONARDA didyma.** Flowers bright scarlet..... 15 1 50

**MYOSOTIS, Water Witch.** Dwarf, blooming from spring until autumn. 4 to 6 inches..... 10 1 00

**palustris.** True March variety. Blooms continually if planted in a moist, shady place. 4 to 6 inches..... 10 1 00

**PANSY.** Colors separate or mixed. Grown from our own carefully selected strains....\$5 per 100, \$45 per 1,000. 10 75

**PENTSTEMON digitalis.** Large spikes of long, purple-white flowers, with purple throats, during June and July. 2 to 3 feet..... 15 1 50

**PHYSOSTEGIA** (False Dragon Head). One of the most beautiful of our midsummer flowering perennials, forming dense bushes 3 to 4 feet high, bearing spikes of delicate tubular flowers not unlike a gigantic heather.

**Virginica.** Bright, but soft pink..... \$10 per 100. 15  
**alba.** Pure white; very fine ..... \$10 per 100. 15

### **Poppy. *Papaver Orientale***

Every one is familiar with the gaudy Oriental Poppies, and doubtless many are aware that during the last few years hardy plantsmen in England, Holland, etc., have been working hard on their improvement, with the result that today we have quite a host of new varieties and in many lovely colors.

**PAPAVER orientale, Goliath.** One of the most effective Papavers, with strong erect stems of 3½ feet, producing enormous scarlet flowers in great abundance. \$0 25 \$2 50

**Oriental, Mahony.** While the new Oriental Poppies introduced in the last years are more in the lighter shades, this one is without doubt the darkest colored in cultivation. It was raised some years ago and its color is of the darkest carmine-purple imaginable, much nearer to mahogany than any other flower..... 20 2 00

**orientale, Mary Studholme.** The pure salmon flowers with silvery shade and a touch of carmine at the base of the petals are of the most striking effect..... 25 2 50

**orientale, Oriental King.** Novelty of great merit. An exceedingly fine garden plant, because of its strong stems of upright habit, carrying large crimson-scarlet flowers, which seem to consist of one perfect flower within a large and equally perfect one..... 35 3 50

**orientale, Princess Victoria Louise.** Beautiful new variety, with pure rose flowers..... 20 2 00

**orientale, Queen Alexandra.** New variety with beautiful clear rose-salmon flowers..... 25 2 50

**orientale, Hybrids.** Showy perennials, with immense showy scarlet and red flowers, 6 to 8 inches in diameter, on long stems borne well above the foliage. 18 inches. June ..... 15 1 50

**POPPY, Iceland.** No collection of Poppies would be complete without the Iceland (*Papaver nudicaule*), and, with perhaps the exception of the Shirley, certainly none of the other varieties are grown in such quantities for cut-bloom.

**Single, Mixed .....** ..... \$0 15 \$1 50

**Double, Mixed .....** ..... 25 2 50

**PRIMULA Cashmeriana.** Flowers light blue with yellow eye. 10 to 12 inches. June ..... 15 1 00

**Japonica.** Variously colored flowers of crimson, maroon, lilac, rosy pink or white, with a different colored eye. 10 to 12 inches. Spring ..... 15 1 50

**veris (Cowslip).** Embracing a fine range of color. 10 to 12 inches. Spring ..... 10 1 00

**PYRETHRUM hybridum fl. pl.** Too much cannot be said in favor of this grand hardy perennial. Their main season of blooming is in June, but if the old flower stems are removed they will give a fair sprinkling of flowers in the autumn. The bloom is similar to that of an aster, and ranges in color from pure white and the various shades of pink and red to deep purple. Splendid for cutting, lasting a week in good condition.

**Alfred.** Full rich crimson; one of the best double reds. 25 : 50

**Beauty of Laeken.** Anemone-flowered; crimson with lighter center..... 25 2 50

**Lord Roseberry.** New brilliant carmine-scarlet; the most brilliant of all..... 50 5 00

**Queen Sophia.** Flesh-colored ..... 25 2 50

**PLATYCODON.** These are sometimes called Campanulas, to which they are closely allied. Form neat plants, bearing a succession of flowers on upright stems.

**grandiflora coerulea.** Fine blue flowers. 18 inches. June to October ..... 15 1 50

**grandiflora alba.** White. 18 inches. June to October.. 15 1 50

**RANUNCULUS aconitifolius fl. pl.** Fair Maids of France. Forms a branching bush 2 feet high; flowers double, pure white. May and June ..... 15 1 50

**RUDBECKIA.** Golden Glow. So well known it needs but little description; flowers double, yellow, cactus dahlia-like and are borne on stems 6 to 8 feet high, in great profusion. August and September..... 15 1 50

**purpurea.** Giant Purple Coneflower. Flowers about 4 inches across, of a peculiar reddish purple, with a remarkably large, cone-shaped center of brown; forms bushy plants 3 feet high, and blooms from July to Oct. 15 1 50

**SCABIOSA Caucasicica.** One of the handsomest hardy plants, with flowers of a beautiful soft lilac color; fine for cutting. 18 inches. All summer..... 15 1 50

**SPIRAEA, Gladstone.** A beautiful species producing dense blooms of feathery white flowers in June. 18 in.. 30 3 00

**SWEET WILLIAM.** Double mixed, variegated, margined. 18 inches..... 10 1 00

**TRITOMA.** They are hardy if given protection, but the most satisfactory method of wintering is to bury the roots in sand in a cool cellar.

**Express.** New; very fine variety..... 15 1 50

**Pfitzeri.** The Everblooming Flame Flower. The free-flowering variety in cultivation; in bloom from August to November, with spikes from 3 to 4 feet high and heads of bloom over 12 inches long, of a rich orange-scarlet, producing a grand effect either planted singly in the border or in masses..... 15 1 50

**Tuckii.** Color bright salmon-red; one of the earliest flowering varieties during July and August..... 15 1 50

**TROLLIUS.** Globe Flower. Hardy perennials, flowering freely from May until August. 2 to 2½ feet.

**Japonicus, Excelsior.** Very deep orange flowers.... 25 2 50

**Caucasicus Orange Globe.** A new variety, with large, deep orange-colored flowers..... 25 2 50

**VERONICA longifolia subsessilis.** Rich blue flower-spikes; a very handsome plant..... 15 1 50

**VIOLA odorata, La France.** The largest and best sweet violet in cultivation. It has been introduced from France. The flowers are dark blue, with a steely cast, and have a diameter of 1¼ inches. The stems are longer than those of any other variety.. \$15 per 100 25 2 50

**YUCCA filamentosa.** Adam's Needle. Among hardy ornamental foliage and flowering plants this can be classed at the head of the list. Its broad, sword-like foliage and tall, branched spikes of large, fragrant, drooping creamy white flowers during June and July make it an effective plant for all positions \$15 per 100. 25 2 50

## HARDY AZALEAS

These charming spring-blooming shrubs are the most attractive of all spring-flowering shrubs. When planted in masses, or as single specimens, the effect produced by them is very striking; the brilliant coloring effects and profuse blooming qualities are remarkable. They are frequently used as a border for rhododendrons, the dark green foliage of the latter forming an excellent background.

**AMOENA.** A late spring-blooming sort. Flowers rosy crimson and very striking. The plant assumes a splendid bushy form and remains a pretty green color almost the entire year.

Bushy plants	Each	Doz.	100
8 to 10 inches high.....	\$0 50	\$5 00	\$40 00
12 to 15 inches high.....	75	7 50	60 00
15 to 20 inches high.....	1 25	12 00	90 00
20 to 24 inches high.....	2 50	27 50	200 00

**HINODEGIRI.** A fiery red sort which grows about  $2\frac{1}{2}$  feet high, and that has attracted considerable attention on account of its striking color. Very hardy; equally well adapted for forcing.

Strong well-furnished plants	Each	Doz.	100
.....	\$1 25	\$12 00	\$90 00

**MOLLIS.** A very well-known variety in choice mixed colors. Yellow, orange and red.

Each	Doz.	100	
18 inches high.....	\$1 25	\$12 00	\$90 00
24 inches high, bushy.....	1 50	15 00	115 00
36 inches high, bushy.....	2 00	18 00	140 00

**YODOGAMA.** This charming species is a perfect beauty. During May it is a sight of much welcome; the semi-double, lavender-pink flowers literally cover the entire plant. It is entirely different in the color of the flowers from other varieties, and a pleasant plant to observe, even after its blooming period.

Each	Doz.	100	
18 inches high, selected plants.....	\$1 50	\$15 00	\$120 00
2 to $2\frac{1}{2}$ feet high, selected plants.....	2 50	25 00	200 00

**PONTICA.** A species growing 3 to 4 feet high, with small, hairy leaves and yellow, orange and red flowers, and possesses a delightful perfume. Flowers during May and June. A slight protection during winter, in this latitude, will improve the plants. A grand variety that should be more extensively cultivated.

Each	Doz.	100
1 $\frac{1}{2}$ feet, named sorts .....	\$1 25	\$12 00
2 feet, named sorts, bushy.....	1 50	15 00
2 to $2\frac{1}{2}$ feet, named sorts, heavily budded, bushy .....	2 25	25 00

## Andromeda floribunda

A handsome dark evergreen species; upright panicles of nodding white flowers. Blooms during May; excellent for growing with rhododendrons, which form a delightful background.  $1\frac{1}{2}$  to 2 feet, selected plants at \$1.50 each, \$15 per doz., \$125 per 100.

## Kalmia latifolia (Mountain Laurel)

Collected plants, carefully selected, 2- to  $2\frac{1}{2}$ -foot stock, \$1 each, \$75 per 100, by the car of 250 plants.

Selected imported, nursery-grown plants,  $1\frac{1}{2}$  to 2 feet high,  $1\frac{1}{2}$  to 2 feet spread, \$1.50 each, \$15 per doz., \$125 per 100 (on import orders, these prices hold to March 1).

## HARDY HYBRID RHODODENDRONS

ENGLISH NURSERY-GROWN

There is hardly an estate, today, whose drives, hillsides, or dwelling-house is not embellished with these most beautiful, hardy decorative plants. They are also extensively grown under glass, but attain their full measure of beauty when planted out. Their requirements are comparatively small when one considers the beauty and grandeur they lend their immediate environment, and the general joy given the stranger who is fortunate enough to view them. A good garden soil, which should be dug at least  $2\frac{1}{2}$  feet deep and mixed with some leaf-mold or peat, will prove an excellent home for them. A slight mulch during the summer keeps plants from drying out, and a protection of leaves and evergreen boughs should be given during winter.

**Album elegans.** Blush, changing to white; fine shape.

**Atrosanguineum.** Intense blood-red.

**Boule de Neige.** White; early.

**Charles Dickens.** Dark scarlet.

**Everestianum** Rosy lilac, spotted and fringed; free bloomer.

**J. D. Godman.** Crimson.

**1  $\frac{1}{2}$  to 2 feet high, selected, well-budded stock, \$2 each, \$20 per doz., \$150 per 100; 2 to  $2\frac{1}{2}$  feet high, \$2.50 each, \$25 per doz., \$200 per 100; 2  $\frac{1}{2}$  to 3 feet, \$3 each, \$30 per doz., \$250 per 100**

**RHODODENDRON CATAWBIENSE SEEDLINGS.** We beg to offer these in nice selected plants. 2 to 3 feet high \$1.50 each, \$15 per doz., \$125 per 100.

**RHODODENDRON MAXIMUM** (collected stock). We are the largest handlers of these in New York, and have supplied great quantities, in all sizes, to many of the best estates and parks. 2- to 3-ft. plants, selected and burlapped (250 plants per car), \$1 each, \$75 per 100; 3- to 4-ft. plants, selected and burlapped (250 plants per car), \$1.50 each, \$100 per 100.

## HARDY SHRUBS

Our shrubs are all large, carefully selected plants, and can be sent by express only, purchaser paying express charges. Special prices given on quantities.

### Calycanthus floridus (Strawberry Shrub)

An interesting shrub, having a rare and peculiar fragrance of wood and flowers; its blooms are abundant and of a peculiar chocolate color. 2 to 3 feet.

### Cydonia (Japan Quince)

**Maulei.** Beautiful orange-colored flowers; a distinct shade; fine.

**Japonica atrosanguinea.** A handsome variety, with semi-double scarlet flowers.

### Caryopteris Mastacanthus (Blue Spirea)

A pretty autumn-blooming plant, producing clusters of fragrant blue flowers.

### Cornus (Dogwood)

**Sibirica.** A rare and remarkable variety with bright red bark in winter.

**Sibirica, variegated foliage;** a very pretty variety.

**Spathei.** Foliage pale yellow and green.

**All Shrubs, 50 cts. each, \$4.50 per doz., unless otherwise priced**

### Deutzia

**Gracilis.** Of a dwarf, bushy habit; the racemes of white flowers completely cover the plants, making it one of the most attractive shrubs of the season, blossoming in June.

**Lemoinei.** The branches are entirely covered with erect panicles of large, snow-white flowers, quite distinct from all other Deutzias; one of the best dwarf varieties; fine for forcing.

**Pride of Rochester.** It excels all the older sorts in size of flower, length of panicle, profuseness of bloom and vigorous habit.

**Wateri.** A new free-flowering, double white variety.

**DAPHNE Mezereum, White.** Small, erect branches; clusters of pink flowers in March.

**Mezereum, Red.** Very pretty red flowers.

**EXOCHORDA grandiflora.** Pearl Bush. A fine shrub, producing large white flowers in May.

**viridissima.** Bright yellow flowers, which appear early in the spring.

**suspensa.** Yellow flowers; drooping habit.

HARDY SHRUBS, continued

**FLOWERING CURRANTS.** The Flowering Currants are gay, beautiful shrubs in early spring, and of the easiest culture. White, red and yellow-flowering.

**GENISTA sagittalis.** A fine dwarf perennial; pea-shaped, yellow flowers, in a terminal spike.

Honeysuckle, Upright (*Lonicera*)

The following varieties are of erect, shrubby habit; valuable for their showy fruit. The climbing sorts will be found under head of Hardy Vines and Creepers.

**Lonicera Morrowii.** A very fine variety from Japan; valuable for its handsome red fruit.

**L. Tatarica rosea.** Pink flowers, which contrast beautifully with the foliage.

**L. Tatarica alba.** Forms a high bush, with creamy white, fragrant flowers.

**L. Tatarica grandiflora.** A beautiful shrub, producing large red and white flowers.

Hydrangea

**Arborescens grandiflora** (Hills of Snow). This superb new Hydrangea is a variety of the hardy native species, *H. arborescens*, commonly found wild in most of the states east of the Mississippi river. The variety Grandiflora is likewise absolutely hardy, and is, moreover, of easy culture and an exceedingly prolific bloomer. A five-year-old plant has produced one hundred and twenty-six perfect blooms at one time. The size of the flower is one of the striking features of this shrub. Twelve-inch blooms are frequent on young plants, while the average size on matured plants is usually 6 inches or more. The color of the flower is a pure snow-like white, without the creamy and later pink tints that are characteristic of the *H. paniculata grandiflora*. The length of time this whiteness is retained depends somewhat on local conditions, but is usually from four to five weeks, when the flowers begin to change slowly and gradually to a light green color, and by October the foliage and flowers are of a similar shade. The flower clusters remain intact long after the leaves have fallen, and frequently throughout the following winter. This Hydrangea gives every promise of becoming even more popular than the well-known *H. paniculata grandiflora*, as it lacks the coarseness and stiffness of that variety; it is refined in tone and effect, and with its abundant and handsome foliage it lends itself readily to landscape effects. It is a comely, handsome shrub at all times. It reaches a height of 5 to 6 feet, and when in full bloom is one of the most striking as well as the most beautiful shrubs of its season, suggesting the descriptive synonym referred to in Bailey's "Cyclopedia of American Horticulture," viz., "Hills of Snow." Strong two-year-old plants, \$1 each, \$10 per doz.

**Paniculata grandiflora.** One of the most popular shrubs in cultivation, blooming at a time when few other shrubs are in flower. The immense panicles of pure white flowers, which appear in August, turn to a delicate pink, remaining until late in the autumn. Spikes of flowers have been known to measure 12 inches long by 22 inches in circumference. Extra-strong plants, 5 to 6 branches. Standards about 5 feet high; extra fine. 75 cts. each, \$8 per doz.

**Hortensia** (Garden Hydrangea). A well-known variety used for porch decoration and Easter forcing. The flower-heads are large, showy and of a pretty pink tint, which may be changed to blue by the use of iron filings in the soil.

**Otaksa.** Of vigorous growth, especially in rich, moist soil, heavy, dark green foliage; large heads of beautiful rose-pink flowers, blooming freely when quite young. 50 cts. each, \$4.50 per doz.

Hibiscus (Rose of Sharon)

This has become one of the most popular flowering shrubs, coming in flower, as it does, in July or August, when few shrubs are in bloom. The entire plant is covered with beautiful double flowers, which, at a distance, look like roses. They make a very pretty flowering hedge. Three years old, in ten separate varieties, single and double, in white, blush, shaded, blue, purple, red, violet, pink, shaded, yellow.

**HYPERICUM Moserianum.** The showiest of all the varieties and a novelty of decided merit. Of dwarf, half-pendulous habit; fine for massing; elegant, glossy foliage; the largest blossoms of the whole family, having orange-yellow petals and a beautiful red mass of stamens in the center and are produced freely from midsummer until hard frost.

**KERRIA Japonica.** A slender, green-branched shrub, covered with a profusion of globular yellow flowers from July to October.

**Variegata.** A dwarf variety from Japan, with small, green foliage, edged with white. One of the prettiest and most valuable of dwarf shrubs.

All Shrubs 50 cts. each, \$4.50 per doz., unless otherwise priced

Lilacs

Our pot-grown Lilacs will produce 10 to 15 flowers the first season.

**Chas. X.** A strong, rapid-growing variety, with large, shining leaves; trusses large, reddish purple. Pot-grown, extra fine, \$1.25 each, \$12 per doz.

**Marie Legraye.** Large panicles of white flowers, valuable for forcing. The finest white Lilac. Pot-grown plants, \$1.25 each, \$12 per doz.

**Souv. de L. Spaeth.** Panicles long; individual flowers large, single; dark purplish red; the finest of its color. Pot-grown plants, \$1.25 each, \$12 per doz.

**Standard or Tree-shaped, 7 feet high, best named varieties,** \$2.50 each, \$25 per doz.

Mahonia (Ashberry)

**Aquifolia.** A native shrub of medium size, with large, shining, prickly leaves, similar to those of the famous English Holly, which turn scarlet in the fall; bright yellow flowers in May, succeeded by bluish berries.

**Japonica.** A new variety from Japan, with very broad, spiny foliage of a light green color; yellow flowers in May.

**PRUNUS triloba** (Double-flowered Plum). Native of China. A highly interesting and desirable addition to hardy shrubs; the double flowers are of a delicate pink, upward of an inch in diameter, thickly set on the long, slender branches; flowers in May.

Sambucus (Elder)

**Golden Elder.** One of the most showy shrubs grown, on account of its golden foliage. Very desirable for ornamenting lawns; with *Prunus Pissardi* there is nothing finer.

**Laciñata.** A valuable variety, with elegantly divided leaves; one of the best cut-leaved shrubs.

**Weeping.** A fine drooping variety.

**SYMPHORICARPOS racemosus.** Snowberry. A well-known shrub, with small pink flowers and large white berries that hang on the plant through part of the winter.

Spiraea

**Fortune's Rose.** Has large panicles of deep rosy blossoms; grows freely and blooms nearly all summer; fine.

**Anthony Waterer.** A fine new dwarf Spirea with dark crimson flowers, darker than *Spiraea Bumalda*. One of the finest shrubs of recent years. 35 cts. each, \$3.50 per doz.

**Van Houttei.** Without doubt the finest variety in the collection. At the flowering season in May and early June, the plant is covered with a mass of large white flowers, presenting a beautiful appearance.

Viburnum (Snowball)

**Sterile** (Guelder Rose; Snowball Tree). A well-known favorite shrub of large size, with globular clusters of pure white, sterile flowers the latter part of May.

**Plicatum** (Japan Snowball). From North China. Of moderate growth; handsome plicated leaves; globular heads of pure white neutral flowers early in June. It surpasses the common variety in several respects: Its habit is better, foliage much handsomer, flowers whiter and more delicate. One of the most valuable flowering shrubs. 75 cts. each, \$7.50 per doz.

**Tomentosum.** The single form of the beautiful Japan Snowball (*Viburnum plicatum*). Flowers pure white, borne along the branches in flat cymes, in the greatest profusion, early in June. Perfectly hardy, vigorous and free-blooming.

Weigela

**Nana foliis variegatis** (Variegated-leaved Dwarf Weigela). Of dwarf habit, and possessing clearly defined, silvery variegated leaves; flowers nearly white. It stands the sun well, and is one of the best dwarf variegated-leaved shrubs.

**Rosea** (Rose-colored Weigela). An elegant shrub, with fine rose-colored flowers, introduced from China by Mr. Fortune, and considered one of the finest plants he has discovered; of erect, compact growth; blossoms in June.

**Amabilis, or splendens.** Of robust habit, large foliage and pink flower; blooms freely in the autumn; distinct and beautiful.

**Eva Rathke.** A charming new Weigela, with brilliant crimson flowers; a beautiful, distinct, clear shade.

**Mme. Van Houttei.** Clear carmine flowers; showy and handsome.

**Conquette.** Flowers deep pink; the largest of all the Weigelas.

**Mont Blanc.** Flowers very large, pure white; hardy and vigorous.

**La Perle.** Large, creamy-white flowers, edged with light rose.

# FRUIT AND VINE PLANTS

## GRAPES

**Agawam.** Red or maroon. Bunch usually loose, shouldered; berries large; skin thick; flesh pulpy, meaty, juicy, of a rich, peculiar aromatic flavor; ripens about with Concord; a good keeper. Vine a strong, rank grower, hardy and productive; should be pruned, leaving long canes. 35 cts. each, \$3.50 per doz.

**Brighton.** Red. Bunch medium to large, long, compact; shouldered; berries medium; skin thin; flesh tender, sweet, with scarcely any pulp; quality best. Vine a vigorous grower, healthy, hardy and productive; one of the best early red Grapes. The flowers have reflexed stamens and do not always fertilize fully unless planted with Concord, Worden, Martha or other varieties which blossom at the same time. Ripens with Delaware. 35 cts. each, \$3.50 per doz.

**Catawba.** Dark red when fully ripe. Bunch large, moderately compact, shouldered; berries medium to large; skin thick, tough; flesh somewhat pulpy, with rich, vinous flavor, of best quality for both table and wine. Vine a good grower, hardy, with healthy foliage; very productive and profitable where it succeeds and matures well. Ripens too late for high latitudes. 30c. ea., \$3 per doz.

**Concord.** Black. Early. Decidedly the most popular Grape in America, and deservedly so. Bunch large, shouldered, compact; berries large, covered with a rich bloom; skin tender, but sufficiently firm to carry well to distant markets; flesh juicy, sweet, pulpy, tender. Vine a strong grower, very hardy, healthy and productive. For general cultivation the most reliable and profitable variety. 30 cts. each, \$3 per doz.

**Diamond.** White. Bunch large, compact, shouldered; berries large, round; skin thin, but tough; flesh tender, juicy, with but little pulp. Vine is a good grower, with thick, healthy foliage; hardy and productive; of fine quality. Ripens a little before Concord. 25 cts. each, \$2.50 per doz.

**Delaware.** Red. Bunch small, compact, sometimes shouldered; berries small; skin thin, but firm; flesh juicy, very sweet and refreshing, of best quality for both table and wine; ripens with Concord or a little before. Vine hardy, productive, a moderate grower; requires rich soil and good culture. Is regarded by many as the best American Grape, all things considered. It should be in every garden and vineyard. 35 cts. each, \$3 per doz.

**Eaton.** Black. Similar in foliage to Concord. In growth, health, hardiness of vine, and in every respect its equal, while in size of bunch and berry it is much larger and more attractive. Leaf large, thick, leathery, covered on the under side with a thick brownish yellow down. Bunch very large, compact, double shouldered; berries very large, many 1 inch in diameter, round, black, covered with a heavy blue bloom, adheres firmly to the stem; skin thin, but tough; pulp tender, separating freely from the seeds and dissolving easily in the mouth; very juicy. Ripens with Concord or a little earlier. 50 cts. each, \$5 per doz.

**Green Mountain.** White. Bunch medium to large, shouldered; berries medium, greenish white; skin thin, tough; pulp tender, sweet, with few seeds; of excellent quality, free from foxiness; very early. Vine vigorous, healthy, hardy and very productive. A fine Grape, identical in every way with Winchell. 40 cts. each, \$4 per doz.

**Moore's Early.** Black. Bunch rarely shouldered; not quite so large as Concord; berries larger and very much like it in flavor and quality. Vine a moderate grower; very healthy and hardy; foliage thick, leathery, somewhat resembling Concord, except on the under side, which is covered with a yellowish brown down. Produces a fair, and, with high cultivation, a heavy crop. Ripens so early as to be nearly out of market before Concord is ripe and is, therefore, a very popular early market variety. Succeeds best on rich soil. 35 cts. each, \$3.50 per doz.

**Niagara.** White. Bunch very large and handsome, often shouldered; compact; berries large, round; skin thin, tough, does not crack, and carries well; has not much pulp when fully ripe; melting, sweet, with a flavor and aroma peculiarly its own, and agreeable to most tastes; ripens with Concord. 35c. ea., \$3.50 per doz.

**Pocklington.** Pale green, usually with tinge of golden yellow where exposed to the sun; bunch large, very compact; berries very large, covered with a beautiful white bloom; flesh juicy, sweet, with considerable pulp. 30 cts. each, \$3 per doz.

**Worden.** Black. Bunch large, sometimes shouldered, compact; berries very large, skin thin. Superior to the Concord in the following points: It is better in quality, has a larger berry, a more compact and handsome cluster and ripens five to ten days earlier. 50 cts. each \$5 per doz.

Collection 1 each of the above 12 varieties \$3

## RASPBERRIES

### Red Varieties

**Cardinal.** This wonderful berry is a surprise in the fullness of its merits, great growth, extreme hardiness and wonderful productiveness. It will grow ten feet high and bear accordingly, producing its choice, rich, red, pure-flavored fruit in marvelous abundance. Leading horticulturists who have seen the berry say it is one of the wonders of the century. 10 cts. each, \$1 per doz., \$6 per 100.

**Cuthbert.** Deep, rich crimson, large to very large, very firm. One of the very best market varieties. Season medium to late. A remarkably strong, hardy and productive variety. 75 cts. per doz., \$6 per 100.

**Miller.** Bright red, large, round, of fine quality. One of the firmest and best shippers for early market. Vigorous, hardy, immensely productive. 60 cts. per doz., \$4.50 per 100.

### Black and Purple Varieties

**Cumberland.** Black. Very large; very similar to Gregg in quality and firmness; in hardiness and productiveness it is unexcelled. 75 cts. per doz., \$6 per 100.

**Gregg.** Black. Has been for many years the leading market berry. Large, firm, of good quality, ripening late. Exceedingly productive. 75 cts. each, \$6 per 100.

**Munger Raspberry.** Is beyond doubt the finest, latest and largest fancy market berry in existence. Many are substituting for this variety. Do not allow it, as there is no other *Black Cap half so good*. Send to us and get genuine Munger. 75 cts. per doz., \$6 per 100.

## CURRANTS

**Cherry.** A strong-growing variety. Fruit of the largest size, deep red. 10 cts. each, \$1 per doz., \$7 per 100.

**Moore's Ruby.** Bush upright, strong-growing; cluster medium to large; berries above medium, juicy, sweet and good; clear ruby color. 10 cts. each, \$1 per doz., \$7 per 100.

**North Star.** Bush very vigorous, upright, somewhat spreading; clusters medium length; berries vary from small to medium or above; dark red; comparatively mild acid. Hardy; productive. 10 cts. each, \$1 per doz., \$7 per 100.

**Victoria (Ruby Castle).** Bush a very strong, upright grower; foliage rather pale bronze-green; clusters above medium length; berries medium or above, bright red, with mild acid pulp. One of the most valuable late varieties. Very productive. 10 cts. each, \$1 per doz., \$7 per 100.

**Wilder (President Wilder).** Bush upright, vigorous; clusters above medium length; berries large to very large, averaging large; bright red; excellent, with mild subacid flavor. Ripens early and remains bright and firm until very late. 10 cts. each, \$1 per doz., \$7 per 100.

**Black Naples.** Bush very vigorous, upright, moderately productive; fruit varies from small to large, averaging above medium; pulp acid, with strong flavor. An old and well-known variety. 10 cts. each, \$1 per doz., \$7 per 100.

**White Imperial.** Bush vigorous and very productive; clusters large; berries very large, sweet and most delicious. This is the best of the White Currants. 10 cts. each, \$1 per doz., \$7 per 100.

## BLACKBERRIES

**Dorchester.** Medium; fruit firm, sweet and high-flavored. A vigorous grower, producing large crops.

**Kittatinny.** A stout, erect and vigorous-growing kind. Fruit large and delicious.

**Wilson's Early.** Very good, large, firm and sweet; hardy and productive, and one of the earliest in fruit.

**Mersereau.** A mammoth early berry; very sweet and melting, without core, and an enormous yielder.

**Iceberg.** One of Luther Burbank's introduction, color white, a novelty.

10 cts. each, 75 cts. per doz., \$5 per 100

## GOOSEBERRIES

**Downing.** Pale green, large, prolific and good. Best for home and market use. \$1 per doz., \$7.50 per 100.

**Smith's Improved.** Large, pale, greenish yellow; skin thin. Excellent quality. \$1 per doz., \$8 per 100.

**Red Jacket.** Bush vigorous, upright and productive. Fruit varies in size from medium to above medium. Color pale red. \$1 per doz., \$8 per 100.

**Golden Prolific.** Good grower; hardy; productive. Fruit large golden yellow; excellent. \$1 per doz., \$8 per 100.

## Miscellaneous Garden Supplies

**Asparagus Buncher, "Acme."** No. 1 makes bunch 3 to  $3\frac{1}{2}$  in. diameter, length adjustable 7 to 9 in.; No. 2 makes bunch 4 to  $4\frac{1}{2}$  in. diameter, length adjustable 7 to 9 in. \$2.

**Asparagus Knives.** English Saw-tooth, \$1; American V-Shaped, 30 cts.; American Straight Edge, 30 cts.

**Baskets, Rustic Hanging.** Unexcelled for style, finish and durability.

	Each	Doz.		Each	Doz.
8-inch.....	\$0 70	\$7 00	12-inch.....	\$1 25	\$14 00
9-inch.....	85	9 00	13-inch.....	1 40	16 00
10-inch.....	1 00	11 00	14-inch.....	1 50	17 00
11-inch.....	1 10	12 00	15-inch.....	1 75	19 00

**Baskets, Wire Hanging—**

	Each	Doz.		Each	Doz.
8-inch.....	\$0 25	\$2 75	12-inch.....	\$0 40	\$4 00
10-inch.....	30	3 00	14-inch.....	50	5 00

**Baskets, Imported English Garden—**

	Length	Width	Each	Doz.		Length	Width	Each	Doz.
No. 2.	11 $\frac{1}{2}$ in.	6 in...	\$0 40	\$4 50	No. 6.	20 $\frac{1}{2}$ in.	10 $\frac{1}{2}$ in...	\$0 90	\$10 00
No. 4.	15 in.	8 $\frac{1}{2}$ in...	60	6 75	No. 8.	26 in.	14 in...	1 25	14 00
No. 5.	17 $\frac{1}{2}$ in.	9 $\frac{1}{2}$ in...	75	8 50	No. 9.	28 in.	15 in...	1 50	17 00

**Baskets, Orchid—**

	Doz.	100		Doz.	100
4-inch.....	\$3 50	\$24 00	8-inch.....	\$5 50	\$45 00
5-inch.....	4 00	27 50	10-inch.....	6 50	48 00
6-inch.....	4 50	31 50	12-inch.....	7 50	56 00

**Boxes, Cardboard, Flower** (Green, lock corners)—

	Depth	Length	Width	100		Depth	Length	Width	100
No. 1.	3 in.	18 in.	5 in...	\$3 00	No. 4.	5 in,	28 in.	8 in...	\$9 00
No. 2.	3 $\frac{1}{2}$ in.	21 in.	7 in...	5 00	No. 5.	5 in.	36 in.	8 in...	12 00
No. 3.	4 in.	24 in.	8 in...	7 00					

**Boxes, Violet.** No. 5. 8 in. deep, 11 in. long, 5 $\frac{1}{2}$  in. wide, \$7 per 100; No. 10. 6 in. deep, 9 in. long, 5 in. wide, \$5 per 100.

**Boxes, Corrugated Cardboard.** Very heavy and durable; extensively used by florists for shipping cut-flowers.

No.	Length	Width	Depth	Doz.	100	No.	Length	Width	Depth	Doz.	100
A.	20 in.	7 in.	4 in.	\$1 20	\$9 00	D.	36 in.	14 in.	8 in...	\$3 00	\$22 00
B.	28 in.	8 in.	5 in.	1 50	11 00	E.	48 in.	14 in.	8 in...	3 50	28 00
C.	30 in.	12 in.	6 in.	2 00	16 00						

**Carnation Supports.** Model Extension, 2-ring, 50 cts. per doz., \$3 per 100; 3-ring, 60 cts. per doz., \$3.50 per 100.

**Clips, Blakes' Lever.** For fastening rose and chrysanthemum wire stakes. 75 cts. per box of 500, \$1.40 per box of 1,000.

**Corn Knife.** For cutting corn stalks or heavy grass. 35c. ea., \$3.50 per doz.

**Dibble, Garden.** For transplanting cabbage, celery, etc. Small size, steel point, 35 cts.; larger size 40 cts.; large size, brass point, 60 cts.

### Flower Pots, Pans, Vases, Saucers and Stands

**Flower Pots Standard.** Best on the market.

	Doz.	100		Doz.	100
2-inch.....	\$0 10	\$0 60	6-inch.....	\$0 75	\$4 25
2 $\frac{1}{2}$ -inch.....	12	80	7-inch.....	1 25	7 50
3-inch.....	15	1 10	8-inch.....	1 50	10 00
4-inch.....	35	2 00	9-inch.....	2 00	15 00
5-inch.....	45	2 70	10-inch.....	2 75	20 00
			12-inch.....	6 00	40 00

**Flower Pot Saucers—**

	Doz.			Doz.	
4-inch.....	\$0 25		9-inch.....	\$0 85	
5-inch.....	30		10-inch.....	1 00	
6-inch.....	35		11-inch.....	1 25	
7-inch.....	40		12-inch.....	1 50	
8-inch.....	50		14-inch.....	1 75	

**Round Lily Pans—**

Height	Width	Doz.	Height	Width	Doz.
4-inch	8-inch.....	\$1 00	7-inch	14-inch.....	\$4 00
5-inch	10-inch.....	1 50	8-inch	16-inch.....	8 00
6-inch	12-inch.....	2 00	9-inch	18-inch.....	12 00

**Square Seed Pans—**

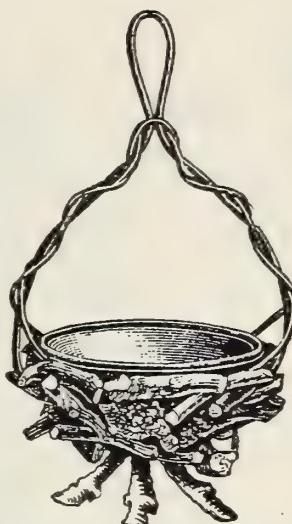
Height	Width	Doz.	Height	Width	Doz.
6-inch	6-inch.....	\$3 00	10-inch	10-inch.....	\$5 00
8-inch	8-inch.....	4 00	12-inch	12-inch.....	6 00

**Flower Vases (Waterproof) Fiber Ware.** Order by number. Inside measurements.

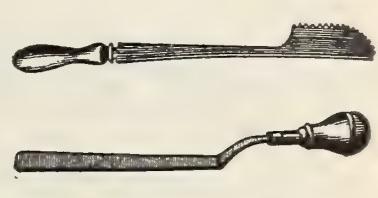
Diam.	Depth	Doz.	No. 000.	9-in.	29-in.....	Doz.	
No. 0.	8-in.	13-in.....	\$6 60	No. 00.	9-in.	22-in.....	25 00
No. 1.	5 $\frac{1}{2}$ -in.	10-in.....	5 70	No. II.	5 $\frac{1}{2}$ -in.	18-in.....	6 60
No. 2.	4 $\frac{1}{2}$ -in.	9-in.....	5 00	No. 22.	4 $\frac{1}{2}$ -in.	15-in.....	5 70
No. 3.	4-in.	6-in.....	4 20	No. 33.	4-in.	12-in.....	5 00
No. 4.	3-in.	4 $\frac{1}{2}$ -in.....	3 30	No. 44.	3-in.	9-in.....	4 20

**Flower Pot Saucers (Waterproof) Fiber Ware—**

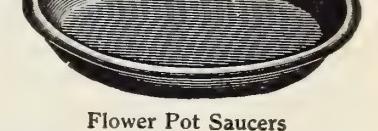
Each	Doz.	9-inch.....	\$0 22	\$2 10	
4-inch.....	\$0 12	\$1 25	10-inch.....	23	2 20
5-inch.....	15	1 50	12-inch.....	25	2 50
6-inch.....	17	1 60	14-inch.....	30	3 50
7-inch.....	19	1 80	16-inch.....	45	4 50
8-inch.....	21	2 00	18-inch.....	50	5 00



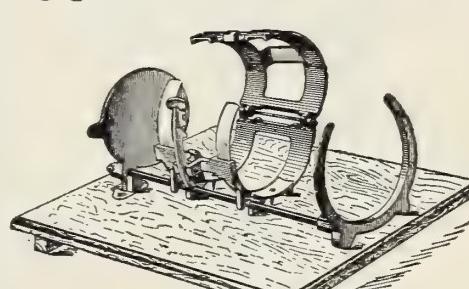
Rustic Hanging Basket



Asparagus Knives



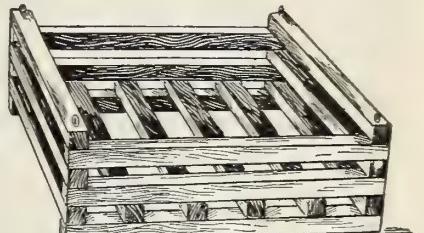
Flower Pot Saucers



Acme Asparagus Buncher



Flower Vase



Orchid Box



Corrugated Flower Boxes



Flower Pot



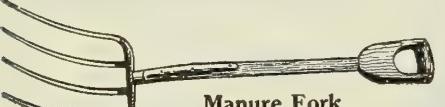
Round Lily Pan  
Square Lily Pans



Strawberry Fork



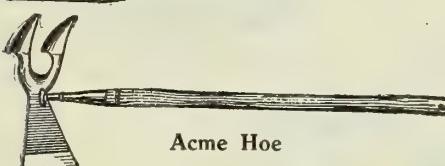
Hay Fork



Manure Fork



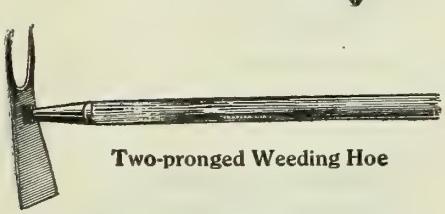
Spading Fork



Acme Hoe



English Scuffle Hoe



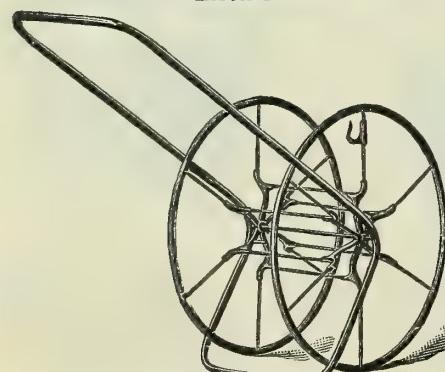
Two-pronged Weeding Hoe



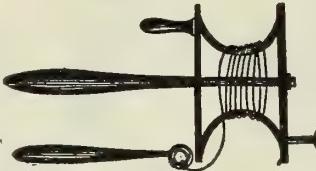
Warren Hoe



Electric Hose



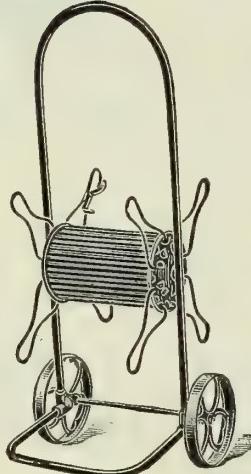
Hose Cart No. 1



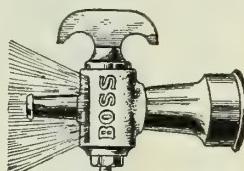
Garden Line



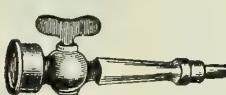
Gardener's Glove



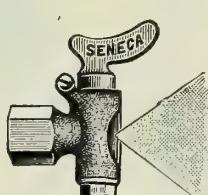
K. C. Hose Reel



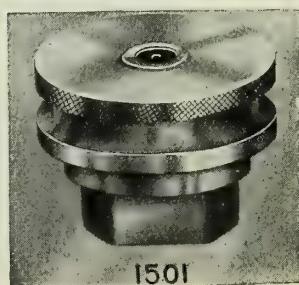
Boss Nozzle



Fairy Nozzle



Seneca Spray Nozzle



Mistry Jr. Nozzle

#### Rolling Stands For Heavy Plants—

Outside diam.	Diam. at about bottom	Caster Each	Outside diam.	Diam. at about bottom	Caster Each
12-in.	10-in.	3-in.. \$0 60	18-in.	15-in.	4-in. \$1 00
14-in.	11-in.	3-in.. 70	20-in.	17-in.	4-in. 1 10
16-in.	13-in.	4-in.. 90	22-in.	20-in.	5-in. 1 35

**Flower Pot Brackets.** Made of steel, artistic in design, finished in black. Saucers are absolutely secured by spring clasp. Each No. 1A. Length of arm 8-in. Clasp will hold 5-in. pot..... \$0 30 No. 2A. Length of arm 10-in. Clasp will hold 6-in. pot..... 40 No. 3A. Length of arm 12-in. Clasp will hold 7-in. pot..... 45

**Flower Pot Handles and Hangers, Krick's Perfect—** Doz.

No. 0.	Will fit from 2- to 3½-in. pots.....	\$0 20
No. 1.	Will fit from 3½- to 5-in. pots .....	30
No. 2.	Will fit from 5- to 8-in. pots .....	40
No. 3.	Will fit from 8- to 12-in. pots .....	50

**Fork, Strawberry.** Useful for weeding or general garden use. 10-inch. 25 cts.

**Hay.** Finest quality steel; oval-shaped tines, solid steel shank, patent ferrule long and strapped. 2-tine, 50 cts. each, \$5.75 per doz.; 3-tine, 60c. each, \$7 per doz.; 4-tine, 70c. each, \$8 per doz.

**Manure.** Long or short handles. 4-tine, D. handles, best material. 8 cts. each; 5-tine, D. handle, best material, \$1 each.

**Spading.** 4-tine, D. handle, best material, \$1 each; 5-tine, D. handle, best material, \$1.25 each.

**Fruit-Picker, Perfect.** Galvanized wire, to fit any sized pole. 35c.

**Garden Set, Ladies'.** 3 pieces, \$1.

**Garden Line.** Best braided linen. 100 ft., 50 cts.

**Garden Line Reels.** Malleable. 60 cts.

**Gardeners' Gloves.** Heavy goat, for protecting hands. \$1 per pair.

**Glass Cutter.** Steel wheel, 25 cts.; diamond, \$3 and \$4.

**Glazing Points, Van Reyper's.** 65 cts. per 1,000, \$3 for 5,000.

**Model.** 40 cts. per lb.

**Seibert's Never-Rust Glazing Pegs.** 50 cts. per lb.

**Glazing Putty, Twemlow's Old English.** Will not crack or peel.

One gallon glazes 300 lineal feet. qt. 55 cts., gal. \$1.75.

**Grass Hook, Little Giant.** Forged steel shank. 50 cts.

**Imported English Riveted Back.** Small size, 50 cts.; medium size, 55 cts.; large size, 60 cts.

**Grafting Wax.** ¼ lb. 10 cts., ½ lb. 15 cts., lb. 25 cts.; postpaid, 40c.

**Hoes, Draw or Garden.** Extra-quality, cast steel, oil tempered, polished blade. 5-inch blade, 35 cts. each, \$3.60 per doz.; 6-, 7- and 8-inch blade, 45 cts. each, \$5 per doz.

**Acme.** Very popular tool for gardeners and florists for drilling, cultivating and weeding. Double prong, 4½-inch blade. 50 cts.

**English Scuffle.** 5-inch, 50 cts.; 6-inch, 55 cts.; 7-inch, 60 cts.; 8-inch, 65 cts.; 9-inch, 70 cts.; 10-inch, 75 cts.; 12-inch, 85 cts. Handles 10 cts. extra.

**Weeding.** Two-prong. A very useful tool for general garden work. 35 cts. each, \$3.60 per doz.

**Grub.** Strong for grubbing out roots, etc. 3½-lb. 85 cts., 4-lb. \$1, 4½-lb. \$1.25, including handle.

**Warren.** These Hoes are unequalled for hoeing, weeding, cultivating, making drills, covering seed, etc. Small size, 65 cts.; medium, 70 cts.; large, 75 cts.

**Hose, Garden or Greenhouse—**

**Electric.** Cut in any length. 20 cts. per ft.

**Wayahead.** Seamless tube Hose—not a complaint from 10,000 feet sold last season. Cut in any length. 18 cts. per foot.

**Greenhouse.** A good Hose for either inside or outside use. 25 ft. \$4. 100 ft. \$16.

**Wearlong.** A very good cheap-price Hose that has given excellent satisfaction. 25-ft. lengths, \$3; 100 ft. \$12.

All our Hose is guaranteed for the season, and any piece found defective will be replaced immediately.

**Hose Coupling, Plain Faucet.** With this attachment any hose may be connected with the kitchen faucet. 50 cts.; by mail, 55c.

**Hose Menders, Cooper's Brass.** ½- and ¾-inch, 75c. per doz.; 1-inch, 85 cts. per doz.

**Cauldwell's.** Practical, simple and perfect. Box of 6 tubes, 20 bands and pliers, 75 cts.; by mail, \$1. Give size of hose when ordering. Extra tubes, ¾-inch, 3 cts. each, 20 cts. per doz.; extra pliers, 30 cts. each.

**Little Wonder.** 3 cts. each, 30 cts. per doz.

**Hose Nozzles, Graduating Spray.** Will throw a fine or coarse spray. 40 cts. each.

**Boston.** Copper face. 50 cts. each.

**Fairy.** Brass. 50 cts. each.

**Seneca.** Give fan-shaped spray. \$1.25 each.

**Boss.** Very effective for use on red spider. \$1 each.

**Shubert.** Best made for general all-round use. Solid brass. \$2.50.

**Mistry Jr.** Can be used for spraying whitewash. \$1 each.

**Hydrant Swivel.** Turns in any direction, preventing hose from kinking. For ¾-inch hose, 90 cts.; by mail, \$1.

**Hose Cart, No. 1.** For lawn or garden; very simple in construction; easily manipulated and almost unbreakable. \$3.

**Hose Reel, K. C.** All metal, tubular frame, corrugated drum to allow circulation under hose. \$2.

# STUMPP & WALTER CO.'S GENERAL SUPPLIES

**Horse Boots.** These boots are made from our own special design, and after two years' practical test, by an expert greenkeeper, have been pronounced by him as being the best-patterned boots made. Price, per set (4 boots), \$9.

**Hotbed Mats.** Burlap, for protecting coldframes and hotbeds. Warmly lined with waste wool and cotton, which are quilted in to hold position. Each Doz.

No. 1. 40x76 in. Burlap both sides.....	\$1 00	\$10 00
No. 2. 76x76 in. Burlap both sides.....	1 40	15 00
No. 2. 40x76 in. Waterproof Duck and Burlap.....	1 25	12 00
No. 2. 76x76 in. Waterproof Duck and Burlap.....	2 00	20 00
No. 3. 40x76 in. Waterproof Duck on Both sides....	1 50	16 00
No. 3. 76x76 in. Waterproof Duck on Both sides....	2 50	25 00

**Hotbed Sash.** Well made from clean cypress, glazed and painted two coats white paint. \$3.50 each, \$40 per doz.

**Double Glass Sash.** Two layers of glass with an air-space of one inch between. \$5 each, \$55 per doz.

**Knives, Turf Edging.** For cutting edges of walks, flower-beds, etc., 50 cts. each.

**Solid Welded Steel Edging.** Socket handle; made of the very best steel; imported English. Price, with handle, \$1.50.

Pruning—	Each
No. 1, horn handle, 1 blade.....	\$1 00
No. 2, " " 1 "	90
No. 3, " " 2 blades.....	1 00
No. 4, ebony " 1 blade.....	75
No. 5, " " 1 "	65

Budding	Each
No. A, ivory handle, Saynor .....	1 75
No. B, bone " S. & W. ....	90
No. C, ivory " S. & W. ....	1 50
No. D, " " 1 "	1 25
No. E, " " 2 blades.....	1 50
No. F, ebony " 1 blade.....	50

**Labels, Wooden, Pot or Garden—**

PLAIN	PAINTED	PLAIN	PAINTED
100	1,000	100	1,000
4- inch. \$0 15	\$0 60	\$0 15	\$0 90
4½ " ... 15	80	20	1 00
5- " ... 15	90	20	1 25
6- " ... 20	1 00	25	1 35
		3¼ "	Copper-wired . 25
			2 00

**Labels, Zinc Garden.** These are unsurpassed, being neat, durable and indelible. The ink marks a jet-black, which remains distinct. Use a clean quill or a pointed stick.

No.	Doz.	100	No.	Doz.	100
1—4¾ x 3½ .....	\$0 25	\$1 25	6—2½ x 2 .....	\$0 20	\$1 10
2—4 x 2¾ .....	20	1 10	7—2¾ x 1½ .....	15	75
3—4 x 3 .....	20	1 10	13—2¾ x 1¼ .....	15	75
4—5 x 1 .....	20	1 10	14—1½ x 1¼ .....	15	65
5—3½ x 2½ .....	25	1 30	15—4½ x 4¾ .....	15	65

**Melon Nets.** \$1.50 per doz.

**Mole Trap, Olmstead's Improved.** \$1.50 each, \$15 per doz.

**New Model.** \$1.50 each, \$15 per doz.

**Reddick's.** \$1 each, \$10 per doz.

**Out-of-Sight.** 75 cts. each, \$8 per doz.

**Paper—**

<b>Wax.</b> 24x36. Ream ....	\$3 00	<b>Manilla.</b> 24x36. Ream ...	\$2 00
18x24. Ream .....	2 00	<b>Wrapping.</b> 40x48...Lb...	10

**Tissue.** 24x36. Ream .. 1 00

**Paper Pots, Neponsett.** Very economical; waterproof; can be nested closely for shipping.

Doz.	100	1,000	Doz.	100	1,000
2½-inch ...	\$0 10	\$0 50	4-inch .....	\$0 20	\$1 20
3-inch .....	12	70	5-inch .....	25	1 50
3½-inch ...	14	90	6-inch .....	30	2 00

**Pencils, Indelible, Wolf's.** 10 cts. each, \$1 per doz.

**Indelible Ink.** 25 cts. per bottle.

**Post-hole Diggers.** Lock leather. \$1.75 each.

**Augers.** \$2 each.

**Pruners, Waters' Tree.** Best pruner on market. 4 ft., 75 cts.; 6 ft., 85 cts.; 8 ft., \$1; 10 ft., \$1.15; 12 ft., \$1.25.

**Peat and Moss—**

**Orchid Peat.** \$2.50 per bbl.

**Rotted Fibrous Peat.** \$2.50 per bbl.

**Sphagnum Moss, Green.** \$2.50 per bbl., \$3 per bale.

**Raffia, Natural.** For tying. 25 cts. per lb., \$1.10 for 5 lbs.

**Rakes, Wood Hay Rake.** 12 teeth. 30 cts. each, \$3 per doz.

**Wood Lawn Rakes.** 24 teeth. 35 cts. each, \$3.50 per doz.

**Gravel Short Teeth.** 12-teeth 40 cts., 14-teeth 50c., 16-teeth 60 cts., 18-teeth 70 cts.

**Steel Garden.** Bow handle. 11-teeth 70c., 13-teeth 75c., 15-teeth 80c.

**Steel Garden.** 10-teeth 50c., 12-teeth 55c., 14-teeth 60c., 16-teeth 65c.

**Saws, Pruning, Plain One Edge.** 12-in. 40 cts., 14-in. 50 cts., 16-in. 60 cts., 16-in. 60 cts., 18-in. 70 cts., 20-in. 80 cts., 22-in. 90 cts.

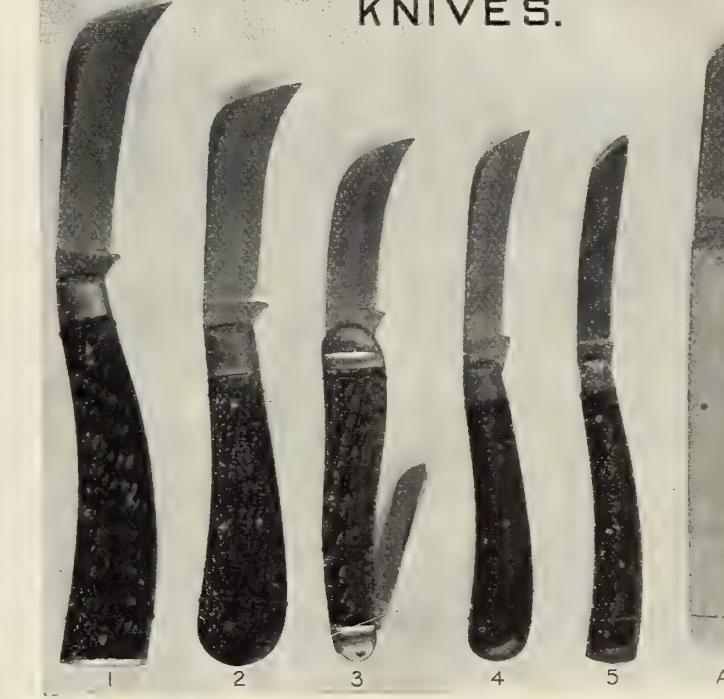
**Pruning, Double Edge.** 12-in. 40 cts., 14-in. 50 cts., 16-in. 60 cts., 18-in. 70 cts., 20-in. 80 cts., 22-in. 90 cts.

**Little Giant Pruning Hook and Saw, Combined.** Can be attached to pole any length. \$1.50.

## BUDDING KNIVES.



## PRUNING KNIVES.



5 FT.

4 FT.

Grass Edger

3 FT.

Plant Stakes

Scythe



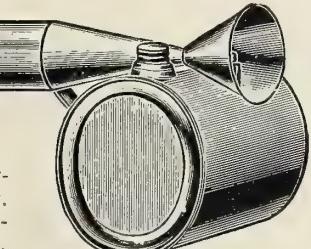
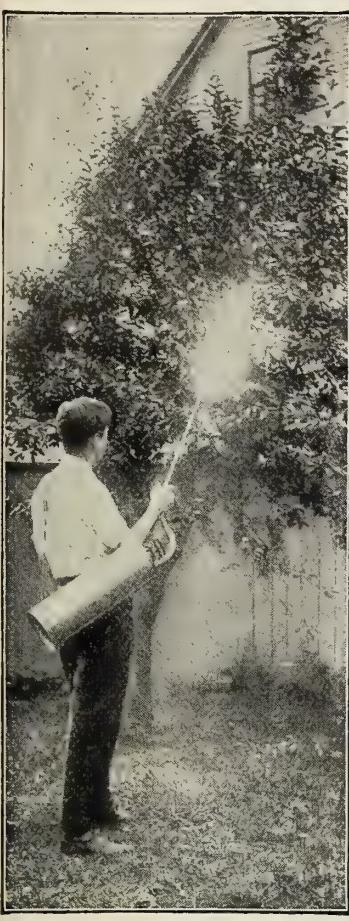


# Sprayers for Applying Insecticides and Fungicides

## AUTO-SPRAY

Convenient, durable, efficient. Our patented leader of spray apparatus for small uses. Will do better work and do it easier than any other similar article. Useful with Bordeaux and all solutions, also in applying cold water paints or whitewash. Holds four gallons. Illustration shows our new "Auto-Pop" attachment which doubles the efficiency by saving half the solution and labor. Our "Anti-Choke" Nozzle, cleaned at every operation of "Auto-Pop," can never clog. Tank made of galvanized steel or brass. High-grade hose. Heavy self-contained pump, all brass. Nipple connections, nozzle, etc., turned from solid brass rod with full threads. Castings for handle, etc., all malleable. No continuous pumping as in the cases of the Knapsack Sprayer, no continuous pumping or slopping as in the case of the bucket pump. A few strokes of plunger compresses enough air to cover a quarter acre of potatoes or similar crop. The operator simply holds the nozzle. Also used for spraying disinfectants. A practical machine for potatoes, tobacco, small fruits, vineyards, poultry-houses, greenhouses, etc. Extension pipes useful for spraying tall trees. Detailed descriptive circular on request.

"Auto-Spray," No. 1, Brass  
Tank, with Stop Cock ..... \$6.75  
"Auto-Spray," No. 1, Brass  
Tank, with "Auto-Pop," ... 7.75  
"Auto-Spray," No. 1, Galvanized Tank, with Stop Cock ..... 4.50  
"Auto-Spray," No. 1, Galvanized Tank, with "Auto-Pop" ..... 5.50  
"Auto-Pop," supplied separately ..... 1.50



## CYCLONE SPRAY PUMP

A very handy sprayer for general garden use. Sprays a fine vapor spray. Proves very effective for spraying insecticides or fungicides. Holds one quart. Tin, 50 cts.; brass, \$1.

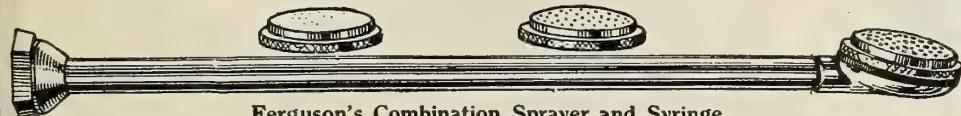
## S. & W. CO.'S "FRUITALL" SPRAY PUMP

The "Fruitall" illustrated herewith has been designed especially to meet the demand for a low-priced sprayer combining the necessary durability, efficiency and strength.

**Outfit C.** Sprayer with agitator and one lead 15 feet  $\frac{1}{2}$ -inch discharge hose, with "Mistry" or "Mistry Jr." spray nozzle. Price, without barrel, \$13.50.

**Outfit D.** Sprayer with agitator and two leads, 15 feet each,  $\frac{1}{2}$ -inch discharge hose, with "Mistry" or "Mistry Jr." spray nozzle. Price, without barrel, \$16.

If Agitator is not wanted, deduct 75 cents from the list. We supply barrel and mount sprayer on same, for \$3.50 extra list; but the barrel is not furnished unless specially ordered.



Ferguson's Combination Sprayer and Syringe

## AUTO-SPRAY, WHITEWASH AND PAINT MACHINE

This is warranted the most powerful and most durable machine in its class.

**Tank.**—Extra heavy galvanized steel; holds 8 gallons, and has reinforced cover.

**Pump.**—All brass but handle-fittings; cylinders extra heavy,  $1\frac{1}{2}$  inches in diameter, both air and pump; ball valves and three-ply hose.

**Weight.**—Net 20 pounds, shipping 35 pounds.

**Uses.**—Suitable for spraying insecticides and fungicides on trees, shrubs and vines, as well as the application of whitewash or cold-water paints, and will do the work of five men with brushes.

Price, complete with 8 feet of hose, 8-ft. iron extension and one Vermorel nozzle suitable to all classes of spraying. \$12.

## COMPRESSED-AIR SPRAYER

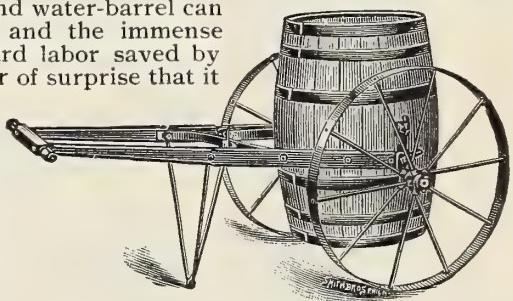
The most perfect hand compressed-air sprayer made. Holds one quart. Tin, 75c.; brass, \$1.50.

## S. & W. CO.'S BUCKET SPRAY PUMP

Bordeaux Brass Garden and Spray Pump is especially designed for spraying in gardens and greenhouses. Has adjustable foot-piece to fit different size buckets, with 3 ft.  $\frac{3}{8}$ -in. hose and spray nozzle. \$3.75.

## S. & W. CO.'S TRUCK, LEAF-RACK AND WATER-BARREL COMBINATION

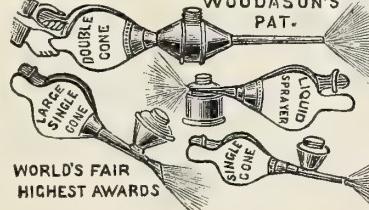
When we consider the almost innumerable uses to which our combined truck, leaf-rack and water-barrel can be put, its handiness and the immense amount of time and hard labor saved by its use, it is not a matter of surprise that it is steadily growing into popular favor. It is one of those articles that cause the user to wonder how he ever did without it, as it really becomes indispensable when once used. Price, truck and barrel, as in cut, with  $2\frac{1}{2}$ -in. tire wheels, \$11; with handy cart box, length  $37 \times 23\frac{1}{2}$  in. wide by 8 in. deep, \$3 extra; with leaf-rack, 42 in. long by 28 in. wide by 21 in. deep, \$5 extra. Price, complete with truck, water-barrel, box and leaf-rack. \$19.



## BELLOWS, WOODASON'S

Powder, small size .....	\$1.25
" large size .....	2.25
Liquid, small size .....	1.50
" large size .....	2.25

Double Cone Powder Bellows. For dusting plants with dry powders for insects and fungus. \$3.25.



## SYRINGES

No. 10. Barrel 18 in. long, one coarse and one fine spray rose and one stream jet with patent valve and elbow joint. \$6.

No. 11. Similar to No. 10, without patent valve. \$4.75.

No. G. Barrel 16 in. long; diameter  $1\frac{1}{2}$  in., open rose, one spray rose and jet, one side attachment with angle joint. \$4.50.

No. 2. Barrel  $13\frac{1}{2}$  in. long; one coarse and one fine spray and one stream rose; solid brass. \$4.50.

No. A. Barrel 12 in. long; one spray and one stream rose. \$2.50.

No. H. Barrel 16 in. long,  $1\frac{1}{2}$  in. diameter with fixed spray rose. Sheet brass. \$2.75.

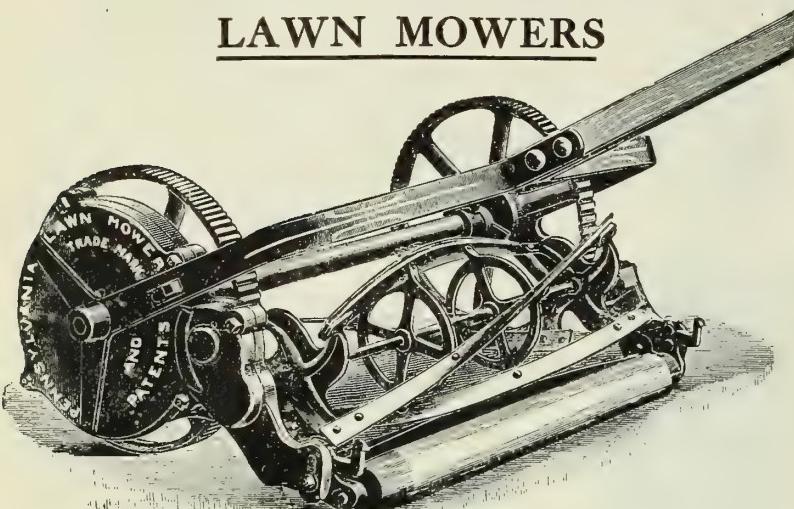


## FERGUSON'S COMB'N SPRAYER AND SYRINGE

The only practical Greenhouse Combination Sprayer and Syringe on the market. The three different roses that go with each sprayer make it possible to either water, spray or syringe at will by simply adjusting whichever rose is desired. Recommended as regards syringing under the foliage of plants where force is needed to keep down red spider, etc. Substantially made of brass and can be screwed on the end of any hose same as an ordinary nozzle. \$3.

## LAWN REQUISITES

### LAWN MOWERS



#### PENNSYLVANIA HIGH-WHEEL

15-in..	\$12 00	grass catcher.	\$1 70	19-in..	\$14 00	grass catcher.	\$1 90
17-in..	13 00	"	1 80	21-in..	15 00	"	2 00

#### PHILADELPHIA STYLE E. High-wheel, 10-inch

15-inch.	\$9 00	grass catcher.	\$1 70	19-in..	\$11 00	grass catcher.	\$1 90
17-inch.	10 00	"	1 80	21-in..	13 00	"	2 00

#### VICTORY. Ball-bearing, High-grade Mower

Ball-bearing, 10-inch wheels, triple gear, four-bladed reel. A 24-inch mower can be operated as easily as a 16-inch of the old style, and lawn mown in one-quarter of the time.

14-inch.....	\$9 00	20-inch.....	\$12 00
16-inch.....	10 00	22-inch.....	13 00
18-inch.....	11 00	24-inch.....	13 50

#### EASY BORDER AND TERRACE MOWER

10-inch.....	\$6 00	16-inch.....	\$9 00
12-inch.....	7 00	18-inch.....	10 00
14-inch.....	8 00	20-inch.....	11 00

#### CHAIN ROLLER GOLF MOWER

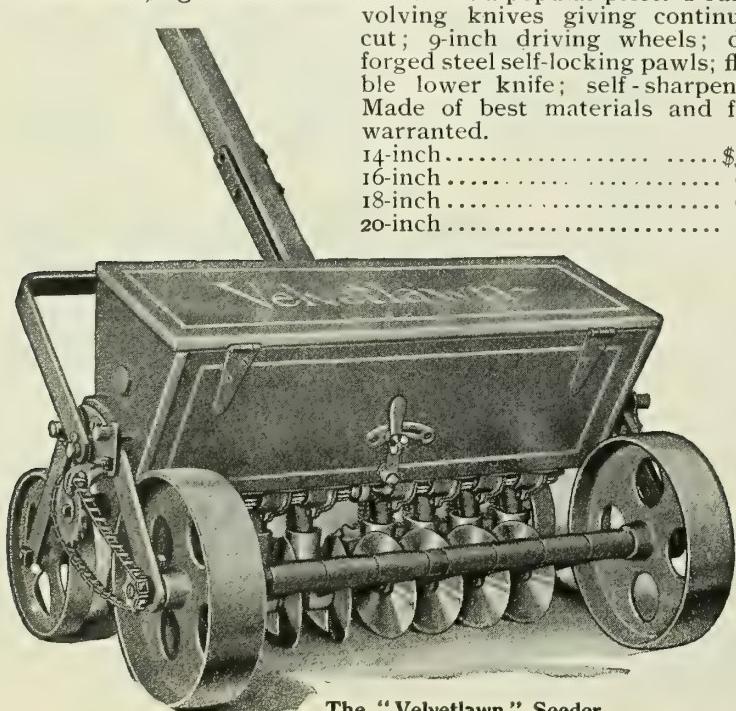
Specially designed for borders and golf greens. Will cut close enough and clean enough to satisfy the most fastidious golfer. Runs easier than any other ever built. It will stay in perfect order longer than any other, and we warrant it. Net prices:

12-inch.....	\$10 00	16-inch.....	\$12 00
14-inch.....	11 00	18-inch.....	13 00

#### H. W. UNIVERSAL. With Ball Bearings

A first-class, high-wheel Lawn Mower at a popular price. Four revolving knives giving continuous cut; 9-inch driving wheels; drop forged steel self-locking pawls; flexible lower knife; self-sharpening. Made of best materials and fully warranted.

14-inch.....	\$5 50
16-inch.....	6 00
18-inch.....	6 50
20-inch.....	7 00



The "Velvetlawn" Seeder

#### COLDWELL'S HIGH-WHEEL IMPERIAL MOWER

14-inch.....	\$8 00	18-inch.....	\$10 00
16-inch.....	9 00	20-inch.....	11 00

#### BANNER LAWN MOWER

A first-class, low-priced mower for general use.
12-inch.....
14-inch.....

\$2 90

\$3 50

3 25

3 75

#### S. & W. Co.'s Grass Catchers

To fit all Lawn Mowers.
12- to 16-inch cut..... \$1.25 each   16- to 22-inch cut..... \$1.50 each

#### New Apollo Rotary Lawn Sweeper

24-inch sweep..... \$10 00   28-inch sweep..... \$12 00
---

#### Dunham Lawn Rollers

##### Roller-bearing and Muscle-sparing

Do you know that the most essential tool for the care of a lawn is a roller? If your lawn looks sick or weedy, the chances are more than fifty per cent in favor of cure by the persistent and intelligent use of a roller. If you take any pride at all in your home you must roll your lawn or you'll never bring it to that perfection which makes it a constant delight to the eye and the subject of admiration to everyone who passes. A roller will eradicate weeds, keep grass from dying out in spots, and promote even growth from a hard, smooth surface over which the mower will operate to perfection. The proper use of a roller will make all the difference between a commonplace lawn and one of rare, velvety beauty. Dunham Roller-bearing Rollers are infinitely superior to other rollers. They tower above all others in efficiency, being

even growth from a hard, smooth surface over which the mower will operate to perfection. The proper use of a roller will make all the difference between a commonplace lawn and one of rare, velvety beauty. Dunham Roller-bearing Rollers are infinitely superior to other rollers. They tower above all others in efficiency, being 44% lighter running than any other roller on the market, by actual test. With other similar rollers it is necessary to stand roller on end when filling, but not so with the Dunham. The seams are electric welded, not riveted. The steel drum of this Dunham Roller is 24 inches in diameter and in width. Roller weighs 115 lbs. empty, 470 lbs. filled with water, and 770 lbs. filled with sand. **Price, \$17.**

#### Fill it with Water or Sand

##### The "Velvetlawn" Seeder

###### AN EXCELLENT NEW MACHINE FOR SEEDING OLD OR NEW LAWNS

Puts seed in old sod or new ground securely. Covers and rolls same  
A machine without a competitor. From every sowing an even growing

The reseeding of old lawns, the drilling of pure-bred grass seed into putting greens and golf courses, and the renewing of grass plots every month or so, has proven a decided success wherever it has been tried. The only machine that will do this work effectively is the "Velvetlawn" Grass Seeder.

##### POINTS WHY THIS MACHINE IS WITHOUT A COMPETITOR

Will sow, cover and roll seed to any desired depth in a strip 16 inches wide, as fast as a man can walk. Cutting action of the discs relieves old sod of root-bound condition. The discs cultivate the grass roots. Each disc automatically conforms to inequalities in the soil. The operator can drill any amount of seed desired. The "Velvetlawn" Grass Seeder puts the seed in the ground, not on top. Birds, wind and rain will have no ill effect when the seed is drilled into the soil. Every feed is a force feed, every feed sows the same amount. Each seed trench contains an equal quantity. "Velvetlawn" Grass Seeders are equipped with adjustable handle, thus insuring ease of operation for any height of man. The discs do not tear the soil, they cut it. All the seed being planted at an even depth in the soil, the plants must all come up at the same time, and make uniform growth. Machines equipped with press wheels, roller or scrapers for same price, at option of purchaser. This Seeder is also adapted for sowing or drilling carrots, lettuce, onions or radishes.

**Price, F. O. B. New York, \$20.**

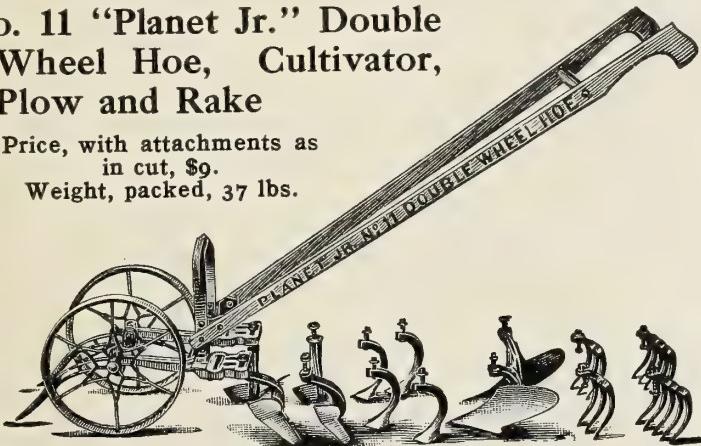
We can also supply "Velvetlawn" Fertilizer Sower. Also one-horse "Velvetlawn" Clover and Grass Seeder, price cheerfully sent on request.

# "PLANET JR." FARM AND GARDEN TOOLS

Space will not permit illustrating and describing all of the "Planet Jr." tools; but we will gladly send fully illustrated catalogue free for the asking to any address. Remember, "Planet Jr." machines are the recognized standards throughout the world, and are guaranteed by the manufacturers.

## No. 11 "Planet Jr." Double Wheel Hoe, Cultivator, Plow and Rake

Price, with attachments as in cut, \$9.  
Weight, packed, 37 lbs.



The Planet Jr. Double Wheel Hoes are the greatest cultivating tools in the world for the onion and small sugar-beet grower, and also for every grower of garden crops from drilled seed. They do more and do it better and easier than can possibly be done in any other way; are particularly adapted for straddling one row of plants, cultivating soil as they go along and bringing soil close to plant on both sides.

**Attachments:** 1 pair 6-inch hoes, 1 pair 4-inch hoes, 2 pairs hollow steel cultivator teeth, 1 pair plows, 2 3-tooth rakes, 2 5-tooth rakes, 2 leaf-lifters.

The hoes are the most valuable of all the wheel-hoe attachments; are oil-tempered and polished. Use the 4-inch for 6-, 10- or 12-inch rows; the 6-inch for rows 12 inches and upward.

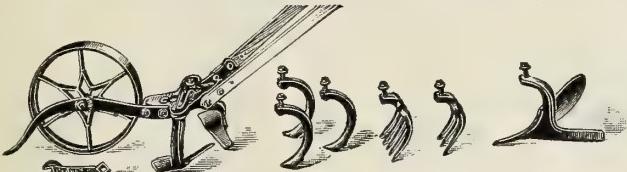
The plows are invaluable; use them with points together for opening furrows for manure, seed, etc.; then exchange sides for covering; use them also for plowing away from or toward the crop, both sides at once.

The cultivating teeth for deep or shallow work, and for marking out.

Leaf-lifters save time and enable fine work to be done close to the row without additional labor, when plants are large or leaves are flat on the ground.

## No. 16 "Planet Jr." Single Wheel Hoe, Cultivator, Rake and Plow

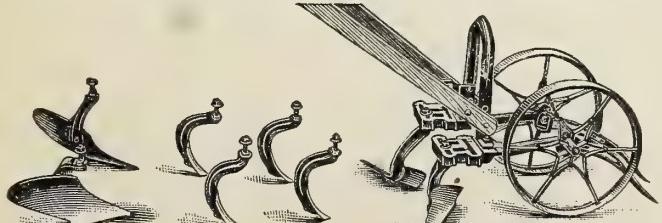
Price, with attachments, \$5.85. Weight, 29 lbs.



We offer these Single Wheel Hoes as the highest type of their class. They have a great variety of tools, which adapt the implements to a large variety of work, and there is scarcely any garden culture of which they are not capable. They are a trifle lighter to handle than the double wheel hoe and are also particularly adaptable for use by man, woman or child, the handles being adjustable in height. The frame is convenient and strong, with quick-change device by which tools may be changed without removing nuts.

**Attachments:** 1 pair 6-inch hoes, 3 cultivator teeth, 1 4-inch rake, 1 7-inch rake, 1 large garden plow, 1 leaf guard.

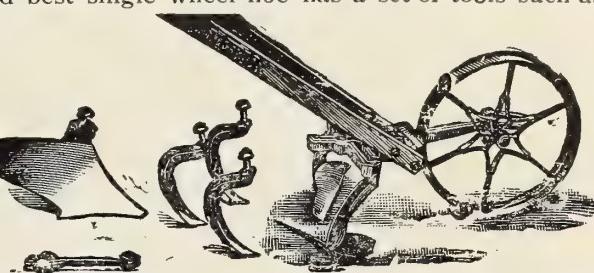
## No. 12 Double Wheel Hoe, Cultivator and Plow



This Wheel Hoe is invaluable for use in all small crops. Its variety of work is almost incredible. It has 11-inch wheels, which can be set at different distances apart; malleable frame, with ample room for tool adjustment. Price, complete, as in cut, \$7.

## No. 17 Single Wheel Hoe, Cultivator and Plow

This latest and best single wheel hoe has a set of tools such as have been found to work in the very best manner. It has 11-inch wheel with broad face; is very light, strong and easy running. It has adjustable handles and quick-change frame; the frame changes in height, and the wheel may be attached to the other side of the frame, when both sides of the row may be hoed at one passage. Price, \$5.



## The "Fire-Fly" Garden Plow

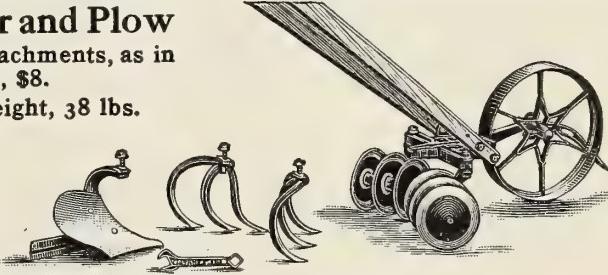
This tool is most useful in small gardens, opening furrows for manure or seeds, and covering them quickly. Chicken raisers will find it very useful in plowing up the scratching yards. The mold-board is of tempered and polished steel; the depth is quickly changed. Price, \$2.35.

## No. 14 "Planet Jr." Double Wheel Disc Hoe, Cultivator and Plow

Price, with attachments, as in cut, \$8.

Packed weight, 38 lbs.

One set disc hoes, 1 pair 3-prong cultivator teeth, 1 pair plows, 1 pair leaf-lifters.



## Farmers' No. 19 Single Wheel Hoe, Cultivator and Plow

This new and attractive implement is especially designed for the farmer's garden work, though it offers to every one, with either field or garden, a cheap and effective tool for all hand wheel hoe operations.

The Wheel is high and is made with stiff steel rim and spokes, and a combination steel and malleable iron hub. The wheel arms are steel and the frame of the tool is attached adjustably to the wheel arms, so that the height of the handles may be readily changed to suit man or boy.

The Standard is slotted to make regulation of depth easy, and, by means of an adjustable malleable filling piece, the same standard is made to carry perfectly all the steels that come with the machine. Price, \$3.75.

"Planet Jr." No. 13 Double Wheel-Hoe .....	\$4 75
"Planet Jr." No. 18 Single Wheel-Hoe, one pair 6-inch hoes only .....	3 50
"Planet Jr." No. 17½ Single Wheel-Hoe .....	4 50
"Planet Jr." Grass Edger .....	6 25

## No. 38 "Planet Jr." Single Wheel Disc Hoe, Cultivator and Plow

Price, complete, \$7. Packed weight, 29 lbs. 1 set discs, 1 pair 3-prong cultivator teeth, 1 plow, 1 leaf-lifter.

## REMEDIES FOR INSECTS AND FUNGUS

All remedies, listed below by the pound, which are non-poisonous, can be sent by mail, if 15 cents is added to cover postage; all remedies otherwise listed are not mailable, unless specially noted.

### To-Bak-ine Products

Will positively kill green and black fly, thrips, mealy-bug, red spider and other insects on flowers, plants, trees, etc.

**To-bak-ine Fumigating Paper.** For quick and effective fumigation. Box 75 cts., by mail 85 cts.

**To-bak-ine Liquid.** For spraying and vaporizing.  $\frac{1}{4}$  pt. 60 cts.,  $\frac{1}{2}$  pt. \$1.10, pt. \$2, gal. \$15.

**Aphine.** The insecticide that kills plant lice of every species. Qt. \$1, gal. \$2.50.

**Aphis Punk.** By mail, 75 cts per box, 12 rolls.

**Arsenate of Lead, Vreeland's Electro.** For all leaf-eating insects. Guaranteed not to injure the foliage. Three pounds will do the work of four pounds of other brands, and will not readily wash off. Guaranteed to contain an average of 20% arsenic. Lb. 25 cts., 2 lbs. 40 cts., 5 lbs. 90 cts., 12 $\frac{1}{2}$  lbs. \$2.10, 25 lbs. \$4.10, 50 lbs. \$8.

**Bug Death** is a fine powder, and in composition is peculiar to itself, inasmuch as it does not depend upon arsenic for its killing power. We give Bug Death our fullest indorsement. Bug Death is not a new and untried preparation. It has been on the market fourteen years, and its sales have shown a large increase each year. Bug Death is safe and sure to use on potatoes, tomatoes, currants, gooseberries, cucumbers, melons, and garden truck generally. (Full directions on each package.) Practical tests have always shown that the increased yield more than paid the entire expense. Bug Death prevents blight, increases yield, improves quality. Can be dry or in a spray. 1-lb. package 15 cts., 3-lb. package 35 cts., 5-lb. package 50 cts., 12 $\frac{1}{2}$ -lb. package \$1.

**Bug Death Dickey Duster.** The most practical and best implement for applying Bug Death and all powders to plants. 25c. ea.

**"Cattle Comfort."** Protects horses, cattle, dogs, etc., from flies, gnats, mosquitos, horse-flies and other insects; is healing to sores, destroys head-lice on fowls, etc. Qt. 45 cts.

**Copper Solution, Ammoniated.** One quart of solution to 25 quarts of water. Qt. \$1.

**Fir Tree Oil.** The best insecticide in the market for greenhouse and house plants; it frees plants of nearly all insects to which they are subject.  $\frac{1}{2}$ -pt. tin 40 cts., pt. 75 cts., qt. \$1.25,  $\frac{1}{2}$ gal. \$2.25, gal. \$4. Directions for use on each can.

**Fir Tree Oil Soap.** A formula of the above Fir Tree Oil, prepared in soap form and preferred by some. It will do all claimed for the fluid preparation.  $\frac{1}{2}$ -lb. tins 25c., 2 lbs. 75c., 5 lbs. \$1.70, 10 lbs. \$3.25.

**Flour of Sulphur.** For mildew. Lb. 10 cts., 5 lbs. 40 cts., 10 lbs. 60 cts., 100 lbs. \$5.

**Gishurst's Compound.** 50 cts. per box.

**Grape Dust.** For mold, mildew or rust mites, either in greenhouses or open air. 5 lbs. 40 cts., 100 lbs. \$6.

**Hellebore, Powdered.** Good for exterminating currant worms.  $\frac{1}{2}$ lb. 15 cts., lb. 25 cts., 5 lbs. \$1.

**Kerosene Emulsion.** Qt. 50 cts., gal. \$1.25, 5 gals. \$5.50.

**Lemon Oil.** Odorless and poisonless; 1 to 30 to 50 parts of water. Destroys mealy bug, scale, thrips, red spider, black and green fly, caterpillar, etc.  $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 75 cts.,  $\frac{1}{2}$ gal. \$1.25, gal. \$2.

**Nicoticide.** For killing all kinds of insects on plants in greenhouses and frames. The most easy, safe and effective method of fumigating greenhouses and frames ever introduced. 4-oz. can 70 cts.,  $\frac{1}{2}$ -pt. can \$1.25, 1-pt. can \$2.50. Fumigators for using the above, complete, 50 cts. each.

**Nikoteen.** Pt. \$1.50.

**Paris Green.** Lb. 40 cts., 5 lbs. \$1.75.

**Persian Insect Powder.** For roaches, ants, fleas, etc.  $\frac{1}{4}$ lb. 10 cts., lb. 35 cts., 5 lbs. \$1.60.

**Pyrox (Bowker's).** The one best and safest all-round spray which kills all leaf-eating insects and prevents blights and all fungus troubles, without injury, on fruit trees, grape-vines, currant bushes, potatoes, canteloupes, cucumbers and other garden vegetables, also on rose bushes, shrubbery, etc. It is a creamy paste which looks like paint and "sticks like paint." It needs only to be mixed with cold water and it is ready to apply. Once tried, always used. Lb. 25 cts.. 5 lbs. \$1, 10 lbs. \$1.75, 25 lbs. \$4, 50 lbs. \$7.50.

**Rose Sulpho-Tobacco Soap.** For plants, trees, cattle, poultry, etc. Package 10 cts.,  $\frac{1}{2}$ -lb. package 25 cts.

**Rose-leaf Extract of Tobacco.** Pt. 30 cts., qt. 50 cts., gal. \$1.50, 5 gals. \$5.

**Scalecide.** A very excellent spray for San José scale; spray spring and fall. Gal. \$1, 5 gals. \$3.25.

**Scotch Soot.** Genuine imported. One of the best fertilizers for stimulating healthy growth of dark green foliage, and it will free the soil of slugs, grubs and cut-worms. 10 lbs. 60 cts., 50 lbs. \$2.50, 100 lbs. \$4.

**Slug-Shot.** 5 lbs. 30 cts., 10 lbs. 50 cts., 100 lbs. \$5.

**Tobacco Stems.** Indispensable for fumigating greenhouses and conservatories, for the destruction of green and black aphids and other insects. Bale, 100 lbs. \$1.50.

**Kilmdead.** The best of all the tobacco dusts for dusting or fumigating. Lb. 10 cts., 5 lbs. 40c., 25 lbs. \$1.25, 50 lbs. \$2.25, 100 lbs. \$4.

**Whale Oil Soap.** Lb. 20 cts., 5 lbs. 75 cts.

**Worm Eradicator.** The worm will immediately rise to the surface of the ground of flower bed, or will fall off the trees, fruits or flowers, and in a few minutes will die. It will be found exceedingly effective and quite harmless to fruit, flowers, grass, etc. Full directions for use on each package. 25-cent bottle makes 5 gallons of liquid, 50-cent bottle makes 10 gallons of liquid, \$1 bottle makes 25 gallons of liquid.

**X-L-All Liquid Insecticide.** Destroys mealy bug, scale, thrip, red spider, green and black fly, caterpillars, blight and all insect pests in the garden; it is perfectly safe to use on tender plants. For the winter dressing of vines, figs, peaches and other fruit trees, it has been proven to be the safest and most valuable preparation in the market. It requires no washing off the plants, as it will be found to leave the foliage bright and clean and much improved in appearance. Qt. \$1,  $\frac{1}{2}$ gal. \$1.75, gal. \$3.50.

**X-L-All Vaporizing Compound.** Bottle containing sufficient to fumigate 10,000 cubic feet, \$2.25; 20,000 cubic feet, \$4.

**Quick Bordeaux.** Is entirely different from all ordinary prepared fungicides, due to the unique manner in which the chemicals are placed in the bags, whereby they keep fresh and strong as long as kept dry. Directions for use: Instruct the least experienced man about the place to hang one bag of Quick Bordeaux in a 50-gallon barrel of water and squeeze it until the contents are dissolved. The result will be a fresh Bordeaux showing the light, fluffy precipitate, which will stick to the foliage and be in every way equal to the very best that could have been made by any two skilled men on the place, working together according to the old method. One man and one barrel only are required. Lb.-can 25 cts., makes 5 gallons spray; 5-lb. can \$1, 10-lb. bag \$1.25, 50 lbs. \$6, 100 lbs. \$11.

**"Target Brand" Weed Killer.** Is a most effective solution of high-grade chemicals, combined by secret process. The dilution is 1 to 50 parts of water, made so easily that a boy or child can attend to it. A remedy that not only reduces the amount of labor, but does it at about one-tenth the cost. A gallon, diluted, is sufficient to cover a space 100 to 150 square yards. Application is best made with a watering can to insure uniform distribution, the most advisable time being after a rain, which is when weeds start to sprout and grow. "Target Brand Weed Killer" effectively destroys the roots as well as the top growth, and single applications last almost an entire season.

Per quart, makes 51 quarts.....	\$0 50
Per $\frac{1}{2}$ gallon, makes 25 $\frac{1}{2}$ gallons .....	75
Per gallon, makes 51 gallons .....	1 25
5 gallons, makes 255 gallons .....	5 00

### Fumigators and Vaporizers

**Fumigator, "Eureka."** For fumigating with tobacco stems. Each No. 1 holds  $\frac{1}{2}$ peck stems..... \$1 50  
No. 2 holds 1 peck stems..... 2 00  
No. 3 holds  $\frac{1}{2}$ bushel stems..... 2 50

**Vaporizer, Campbell's Patent Sulphur.** Designed to vaporize sulphur in greenhouses without danger. Most useful for killing mildew and other fungous diseases.

No. 1 For houses up to 5,000 cubic feet of space .....	6 00
No. 2 For houses up to 10,000 cubic feet of space .....	7 50

**Glass Balls** for above. Per box of 6, 15 cts.

**Yellow Powder.** Per tin, 20 cts.

**Hollow or Solid Wicks** for either size. 15 cts.

# FERTILIZERS

**STUMPP & WALTER CO.'S GENERAL GARDEN FERTILIZER.** This fertilizer is for general garden work for vegetables, flowers and fruits. 10 lbs. sufficient for space 15 x 15, 500 lbs. to the acre. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, ton \$45.

**POTATO MANURE.** This brand is our leader, and is manufactured from a bone and meat basis, and is high in analysis and a strictly high-grade fertilizer. It is a brand that has given universal satisfaction for all root crops, and it is unequaled for potatoes, gardening or truck farming. 50 lbs. \$1.75, 100 lbs. \$3, 500 lbs. \$12, 1,000 lbs. \$22.50, ton \$42.

**CORN FERTILIZER.** This is a brand which many farmers prefer to use that have sufficient quantities of stable manure for broadcast application, using this brand in the hill or drill. We have many interesting testimonials as to its quality for growing splendid crops of corn. 50 lbs. \$1.75, 100 lbs. \$3, 500 lbs. \$11, 1,000 lbs. \$20, ton \$37.

**CLAY'S CELEBRATED FERTILIZER.** In bags, 1 cwt. (112 lbs.) \$7, ½ cwt. (56 lbs.) \$4, ¼ cwt. (28 lbs.) \$2.25, ⅛ cwt. (14 lbs.) \$1.25.

**GENERAL USE BONE.** This bone is ground to about pin-head size, with a fair percentage of flour bone, and where a high-grade bone for immediate and continuous use is wanted, would advise using this grade. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.40, 100 lbs. \$2.50, ton \$40.

**TOP DRESSING BONE.** For top dressing lawns, and use in gardens. In barrels only, 200 lbs. \$4, ton \$34, 5 tons \$150, car, 20 tons, \$29 per ton.

**VINE AND TREE BONE.** For use on Grape or any vines or trees; about the size of a bean. 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, ton \$45.

**EMERALD LAWN DRESSING.** A clean, portable and convenient lawn dressing, which we have found to be never failing in inducing a rapid and rich green growth. It should be sown broadcast in the spring, or fall, though it can be put on during the summer without injury or danger of burning the grass, and a remarkable improvement will soon be observed. It is in every way more desirable than manure, which is so often full of weed seeds. The use of "Emerald Lawn Dressing" entirely does away with the old practice of top-dressing lawns with stable manure, which was so objectionable on account of unsightliness and disagreeable odors. Quantity required: A 10-lb. package is sufficient to go over an area of 300 square feet, or for forming a new lawn, from 1,000 to 1,500 lbs. per acre, or a smaller quantity for renovating an old one. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, 500 lbs. \$12.50, 2,000 lbs. (ton) \$45.

**BOWKER'S AMMONIATED FOOD FOR FLOWERS.** Made especially for plants grown in the conservatory, house or garden; clean, free from offensive odor. Full directions with each package. Small size 15 cts., large size 25 cents.; by mail, 20 cts. and 30 cts.

**PURE PULVERIZED SHEEP MANURE.** A pure, natural nutritious manure. Immediate and lasting in effect. Excellent for mixing with the soil for greenhouse plants. In the vegetable garden it promotes a rapid, steady growth until maturity. It makes a rich liquid manure. Quantity required: For garden and field crops, 1 to 2 tons per acre; one-half before plowing, the balance before harrowing. For top-dressing grass, use 1 ton per acre, applied in fall or early spring. 100-lb. bag \$2, ton of 2,000 lbs. \$30. In packages of 2 lbs. 15 cts., 5 lbs. 25 cts., 10 lbs. 40 cts.

**THOMSON'S VINE, PLANT AND VEGETABLE MANURE.** 28 lbs. \$1.75, 56 lbs. \$3.50, 112 lbs. \$6.75.

**THOMSON'S SPECIAL CHRYSANTHEMUM AND TOP-DRESSING MANURE.** An excellent stimulant for top-dressing Chrysanthemums and all flowering plants. 7-lb. bag. \$1.50, 13-lb. bag \$2.50, 28-lb. bag \$4, 56-lb. bag \$7.

**ASHES, CANADA HARD WOOD.** Quantity required: Apply 1 to 2 tons per acre, as one heavy application will help much more than the same quantity would applied in fractions. Bbl. of about 200 lbs. \$3, ton of 2,000 lbs., in bbls. \$22, car, \$20 per ton.

**NITRATE OF SODA.** Quantity required: Being extremely soluble, it is usually applied after the plants are above ground. 100 to 500 lbs. per acre. 5-lb. package 40 cts., 10-lb. package 70 cts., 25-lb. bag \$1.50, 50-lb. bag \$2.50, 100-lb. bag \$4.50.

**DRIED BLOOD.** Fourteen per cent ammonia. Excellent for Carnations. 10 lbs. 75 cts., 50 lbs. \$3, 100 lbs. \$5.

**"BONORA," "NATURE'S PLANT FOOD."** 5 lbs. making 140 gallons, \$2.50, ¼-lb. package 25 cts., 1-lb. package 50 cts. Circular and further information on application.

**ICHTHEMIC GUANO.** The best well-balanced plant food on the market, fulfilling all the requirements of plants and flowers, fruit and vegetables, and in order to obtain the best results the following directions should be used when applying the Guano. Directions for use: (1) In the dry state, 1 to 2 ounces to the square yard of ground. (2) In a liquid state, a tablespoonful to a gallon of water in the case of pot plants, about three times a week. (3) In a dry state mix with soil, when potting, 1 part to 100 parts of soil. Vines take a larger quantity, being applied in the early stages at the rate of ½ lb. to the square yard whilst growing, and at the time of stoning, use a solution of four tablespoonfuls to the gallon of water. Imported in original bags of 112 lbs. each. 28 lbs. \$2.50, 56 lbs. \$4, 112 lbs. \$7.

**MURIATE OF POTASH.** A form of Potash Salts to be used with Bone Meal, Bone and Blood or farm manures or fruits, celery, asparagus, corn, oats, turnips, cucumbers, grapes, carrots, onions, peas, clover and beans. Must not be used on hops, potatoes, tobacco, flax, sugar beets, cabbage or cauliflower. 50 to 400 lbs. per acre. 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1, 50 lbs. \$1.85, 100 lbs. \$3.50, 200 lbs. \$6.50, 500 lbs. \$15.50. Write for prices on ton lots.

**SULPHATE OF POTASH.** A desirable form of Potash to be used on all crops, but especially on tobacco, hops, potatoes, flax, sugar beets, cabbage or cauliflower. Use 50 to 400 lbs. per acre. It is the best form for greenhouse use, and may be applied either broadcast and mixed with the soil, or in solution in water. In repotting or in shallow beds use a tablespoonful to a bushel of the soil. In water use a tablespoonful in 12 quarts. 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1.10, 50 lbs. \$2, 100 lbs. \$3.75, 200 lbs. \$7, 500 lbs. \$17.

**SULPHATE OF AMMONIA.** Used for its Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or 3 gallons of water. 1 lb. 25 cts., 5 lbs. 60 cts., 10 lbs. \$1.10, 25 lbs. \$1.75, 100 lbs. \$6.50.

## Farmogerm HIGH-BRED NITROGEN-FIXING BACTERIA

Makes bigger crops of Peas, Beans, Clovers, Alfalfa and other Legumes.

### FARMOGERM POINTERS

Bacteria produce nodules on the roots of legumes, such as peas, beans, clovers, etc. The nodules are 8 per cent pure nitrates.

Bacteria makes nodules; nodules mean nitrates; nitrates mean big crops.

Raise the biggest and best crop of peas, beans, sweet peas, clovers, alfalfa or vetches you ever had.

Improve your land by the use of Farmogerm high-bred bacteria, which add nitrogen to the soil for future crops.

Alfalfa, the greatest forage crop in the country, can be grown successfully in every section if inoculated with Farmogerm.

Why go to the saltpeter beds of Chili for nitrates at \$50 a ton when we can get them from the air at an expense of \$2 per acre by using Farmogerm?

Dr. H. E. Stockbridge, in the Southern Ruralist of September 15, 1909, says: "On all lands where alfalfa has never grown inoculation is profitable. The use of Farmogerm is the most convenient and satisfactory method."

Farmogerm is put up in bottles in the following sizes: Garden size, containing material to treat the seeds for one-sixth acre of land, 50 cts.; acre size, containing material to treat the seeds for one acre, \$2; five-acre size, containing material to treat the seeds for five acres of land, \$9.

For the following crops in acre sizes:

Red Clover, Mammoth Clover, Crimson Clover, White Clover, Burr Clover, Sweet Clover, Alsike, Alfalfa, Berseem, Peanuts, Vetch, Lupins, Garden Beans, Garden Peas, Sweet Peas, Cow Peas, Canadian Field Peas, Soy Beans, and all other legumes.

In garden size for Peas, Beans and Sweet Peas; also a mixed culture good for all three.

In ordering, state what crop you wish to plant, quantity wanted, and ask for book on the Farmogerm Method.

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